

DOCUMENT RESUME

ED 086 120

HB 005 028

TITLE / Comparative Unit Cost and Wage Rate Report on Maintenance and Operation of Physical Plants of Universities and Colleges.

INSTITUTION Association of Physical Plant Administrators of Universities and Colleges, Washington, D.C.

PUB DATE 73

NOTE 74p.

EDRS PRICE MF-\$0.65 HC-\$3.29

DESCRIPTORS Colleges; *Comparative Analysis; *Cost Effectiveness; Costs; Educational Administration; *Higher Education; *Physical Facilities; Questionnaires; *School Maintenance; Surveys; Universities

ABSTRACT

This report presents the results of a questionnaire from 161 members of the Association of Physical Plant Administrators of Universities and Colleges (APPA). The purpose of this report is to compile and present comparative cost data for the maintenance and operation of physical plants of universities and colleges for the fiscal year 1972-73. The organization of information in this report is intended to facilitate its extraction and further analysis in a manner most beneficial to individual institutions. The survey results are presented as follows: unit costs per gross square foot and wage rate survey, both grouped by region, enrollment, and top level of academic program. Results are also presented in graphs. The appendix included the questionnaire, adopted standards for classification of accounts, and floor area definitions. (Author/PG)

ED 005-020

COMPARATIVE UNIT COST AND WAGE RATE REPORT ON
MAINTENANCE AND OPERATION OF PHYSICAL
PLANTS OF UNIVERSITIES AND COLLEGES

-1973-

HE 005-020

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

FILMED FROM BEST AVAILABLE COPY

PURPOSE

The purpose of this report is to compile and present comparative cost data for fiscal year 1972-73 in a convenient form for APPA members.

The organization of information in this report is intended to facilitate its extraction and further analysis by members in a manner they deem most beneficial to their individual institutions.

The terms and definitions used herein do not necessarily imply a mode of operation or organization structure; nor is the data to be used for budgetary purposes without careful analysis since factors influencing costs vary drastically between reporting institutions. It is extremely important that items such as climate, location, methods, procedures, programs and policies be considered along with the data in this report.

TABLE OF CONTENTS

INTRODUCTION	1
INDEX OF REPORTING MEMBERS	2
MAP OF APPA REGIONS	5
UNIT COSTS PER GROSS SQUARE FEET	
Grouped by Region	
Midwest	6
Eastern	7
Southeastern	8
Central	9
Rocky Mountain	10
West Coast	11
Grouped by Enrollment (F.T.E.)	
0-3000	12
3000-6000	13
6000-10000	14
10000-16000	15
16000-22000	16
22000+	17
Grouped By Top Level of Academic Program	
2 Year	18
4 Year	19
Graduate	20
Medical	22
Graphs (cost/sq. ft. vs sq. ft.)	
Physical Plant Administration	23
Building Maintenance	24
Custodial Services	25
Campus Safety & Employee Training	26
Utilities	27
Landscape & Grounds Maintenance	28
Traffic & Security	29
General Services	30
WAGE RATE SURVEY	
All Schools	31
Grouped By Region	
Midwest	32
Eastern	34
Southeastern	36
Central	38
Rocky Mountain	40
West Coast	42
Grouped By Enrollment (F.T.E.)	
0-3000	44
3000-6000	46
6000-10000	48
10000-16000	50
16000-22000	52
22000+	54
Grouped By Top Level of Academic Program	
2 Year	56
4 Year	57
Graduate	58
Medical	60
APPENDIX	
Questionnaire	61
Adopted Standards	
Classification of Accounts	65
Floor Area Definitions	71

INTRODUCTION

The response to the 1973 APPA Research and Survey Committee questionnaire reflects continued improvement in member participation. Usable questionnaires increased by 80.9% and 12.6% over the 1965 and 1971 surveys respectively.

One hundred sixty-one returns were received. All questionnaires were included in the report, reflecting an excellent improvement in data quality. It appears that members have become increasingly more familiar with the Account Classification Structure used in organizing this data.

While most comments concerning the survey were very favorable, a few members again noted that this type of data could easily be misinterpreted due to factors too numerous to list. The Committee again wishes to emphasize that in no way does the data, terminology or methods used herein imply or recommend standards for its members.

The objective of this survey is rather to serve as a catalyst to promote and encourage the exchange of information between APPA members. This continued emphasis on constructive communication will assist members in the optimization of all facets of their operation.

Again we wish to express our appreciation of the efforts expended by the membership to compile the data presented in this report.

APPA RESEARCH AND SURVEY COMMITTEE

John Armour
York University

Henry Barbatti, Chairman
University of Tennessee

Lloyd Durow
Washburn University

Russ Giersch
Akron University

Burney Long
Central Michigan University

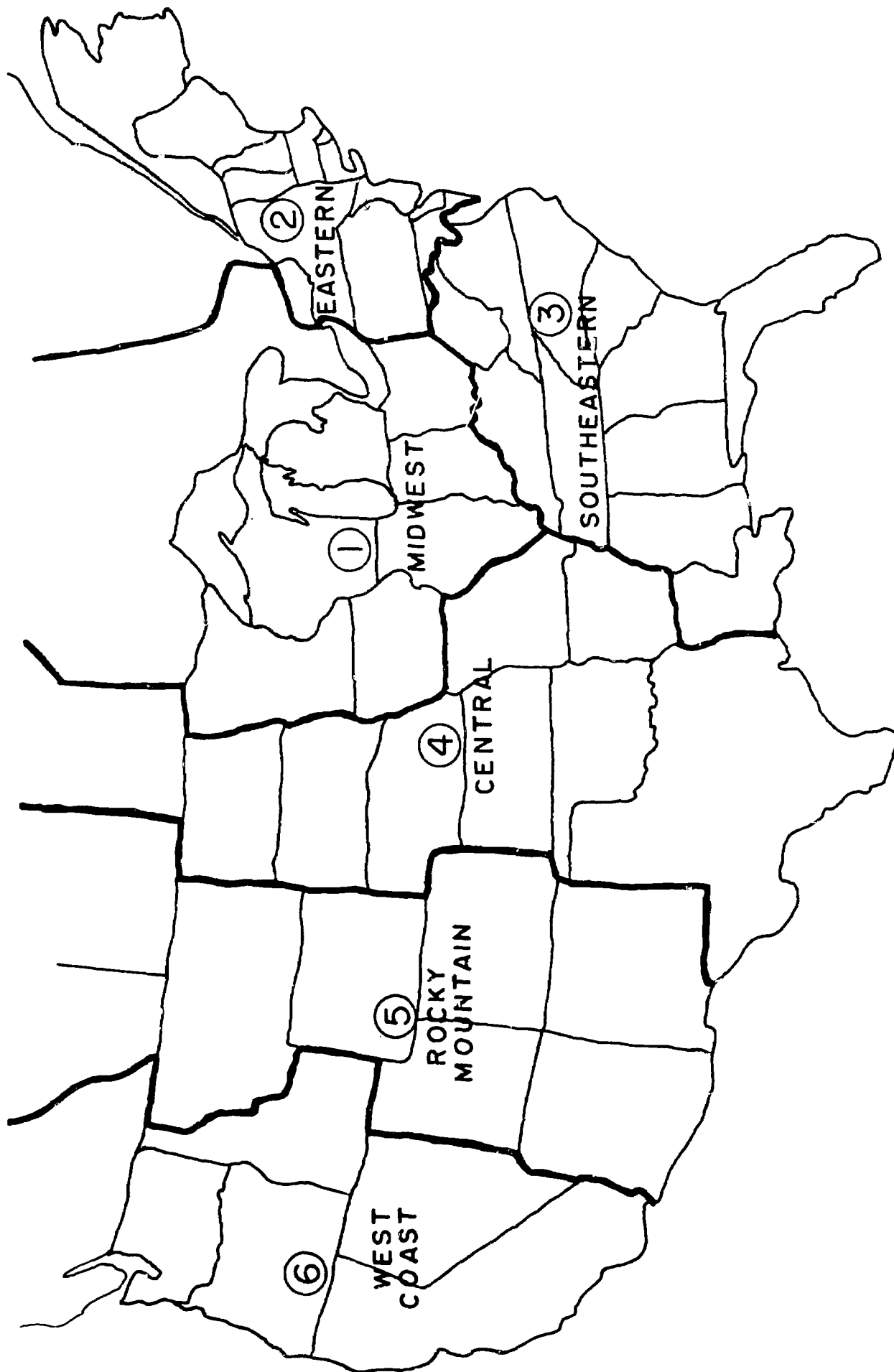
Phil Rector
California Institute of
Technology

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
1	6		CLAREMONT COLLEGES (CLAREMONT, CAL.)
2	6		CALIFORNIA INSTITUTE OF TECHNOLOGY (PASADENA, CAL.)
3	1	*	
4	2	*	UNIVERSITY OF MARYLAND (COLLEGE PARK, MD)
5	6		UNIVERSITY OF ALASKA, FAIRBANKS CAMPUS (FAIRBANKS, ALASKA)
6	6		
7	5		COLORADO STATE UNIVERSITY (FORT COLLINS, COLO.)
8	5		UNIVERSITY OF NORTHERN COLORADO (GREELEY, COLO.)
9	6		OREGON STATE UNIVERSITY (CORVALLIS, OREGON)
10	1	*	UNIVERSITY OF WESTERN ONTARIO (LONDON, ONTARIO)
11	6	*	UNIVERSITY OF CALIFORNIA (SANTA BARBARA, CAL.)
12	5		UNIVERSITY OF COLORADO (BOULDER, COLORADO)
13	6		UNIVERSITY OF HAWAII, MANOA (HONOLULU, HAWAII)
14	4	*	NORTHERN STATE COLLEGE (ABERDEEN, SOUTH DAKOTA)
15	5		UTAH STATE UNIVERSITY (LOGAN, UTAH)
16	1	*	WILLIAM RAINEY HARPER COLLEGE (PALATINE, ILL)
17	5		UNIVERSITY OF MONTANA (MISSOULA, MONTANA)
18	4		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER (DALLAS, TEXAS)
19	1	*	
20	3	*	WAKE FOREST UNIVERSITY (WINSTON-SALEM, NC)
21	1	*	UNIVERSITY OF WINDSOR (WINDSOR, ONTARIO)
22	5		UNIVERSITY OF WYOMING (LARAMIE, WYOMING)
23	4	*	PAN AMERICAN UNIVERSITY (EDINBURG, TEXAS)
24	5	*	EASTERN MONTANA COLLEGE (BILLINGS, MONTANA)
25	5		MONTANA STATE UNIVERSITY (BOZEMAN, MONTANA)
26	3	*	UNIVERSITY OF GEORGIA (ATHENS)
27	5		UNIVERSITY OF COLORADO MEDICAL CENTER (DENVER, COLO)
28	5		DIXIE COLLEGE (ST GEORGE, UTAH)
29	3	*	UNIVERSITY OF SOUTH FLORIDA (TAMPA)
30	5		UNIVERSITY OF LETHBRIDGE (LETHBRIDGE, ALBERTA)
31	1		CARLETON UNIVERSITY (OTTAWA, ONTARIO)
32	1		EARLHAM COLLEGE (RICHMOND, INDIANA)
33	1		
34	1		GRAND VALLEY STATE COLLEGE (ALLENDALE, MICHIGAN)
35	6	*	
36	4	*	
37	1		DELTA COLLEGE UNIVERSITY (CENTER, MICHIGAN)
38	6	*	CENTRAL WASHINGTON STATE COLLEGE (ELLENSBURG, WASH.)
39	4	*	UNIVERSITY OF MISSOURI-ROLLA (ROLLA, MO.)
40	1		OHIO UNIVERSITY (ATHENS, OHIO)
41	4	*	SOUTHERN METHODIST UNIVERSITY (DALLAS, TEXAS)
42	1		UNIVERSITY OF ILLINOIS CHICAGO CIRCLE CAMPUS
43	1		UNIVERSITY OF CINCINNATI (CINCINNATI OHIO)
44	3	*	TULANE UNIVERSITY (NEW ORLEANS, LA)
45	1	*	
46	2	*	
47	2	*	
48	4		ARKANSAS POLYTECHNIC COLLEGE (RUSSELLVILLE, ARKANSAS)
49	3	*	NORTH CAROLINA STATE UNIVERSITY (RALEIGH)
50	4	*	TEXAS A+M (COLLEGE STATION, TEXAS)
51	2	*	UNIVERSITY OF MASSACHUSETTS (AMHERST, MASS.)
52	4		JUNIOR COLLEGE DISTRICT OF ST. LOUIS COUNTY (ST LOUIS, MO)
53	2	*	URSINUS COLLEGE (COLLEGEVILLE, PA)
54	4		UNIVERSITY OF MISSOURI-ST. LOUIS (ST. LOUIS, MO)
55	1	*	BALL STATE UNIVERSITY (MUNCIE, INDIANA)

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
56	6	*	WASHINGTON STATE UNIVERSITY (PULLMAN, WA)
57	6	*	UNIVERSITY OF ALBERTA (EDMONTON, ALBERTA)
58	4		UNIVERSITY OF NEW HAMPSHIRE (DURHAM, NH)
59	6	*	STANFORD UNIVERSITY (PALO ALTO, CAL.)
60	3		FLORIDA INTERNATIONAL UNIVERSITY (TAMIAMI TRAIL, FLORIDA)
61	1		MILLIKIN UNIVERSITY (DECATUR, ILLINOIS)
62	1		JACKSON COMMUNITY COLLEGE (JACKSON MICH)
63	1		TRENT UNIVERSITY (PETERBOROUGH, ONTARIO)
64	1		MUSKEGON COMMUNITY COLLEGE (MUSKEGON MICH)
65	4		UNIVERSITY OF HOUSTON (HOUSTON, TEXAS)
66	2	*	
67	1		AUGUSTANA COLLEGE (ROCK ISLAND, ILL)
68	1		
69	1		
70	1		
71	2	*	
72	1		MARQUETTE UNIVERSITY (MILWAUKEE, WIS)
73	2	*	CATONSVILLE COMMUNITY COLLEGE (CATONSVILLE, MARYLAND)
74	1		MCMASTER UNIVERSITY (HAMILTON, ONTARIO)
75	2		LAVAL (STE-FOY, QUEBEC)
76	1	*	WAYNE STATE UNIVERSITY (DETROIT, MICH.)
77	4	*	UNIVERSITY OF MISSOURI-COLUMBIA (COLUMBIA, MO)
78	1	*	INDIANA UNIVERSITY (BLOOMINGTON, INDIANA)
79	6	*	UNIVERSITY OF CALIFORNIA (LOS ANGELES, CAL.)
80	2	*	
81	1	*	UNIVERSITY OF ILLINOIS (URBANA-CHAMPAIGN ILL)
82	1	*	MICHIGAN STATE UNIVERSITY (EAST LANSING, MICH)
83	1		
84	2	*	
85	1		YOUNGSTOWN STATE UNIVERSITY (YOUNGSTOWN, OHIO)
86	1		UNIVERSITY OF WISCONSIN-MADISON (MADISON, WIS)
87	2	*	UNIVERSITY OF DELAWARE (NEWARK)
88	2		
89	2		CEDAR CREST COLLEGE (ALLENTOWN, PA)
90	2		HAVERFORD COLLEGE (HAVERFORD, PA)
91	2		
92	5	*	SOUTHERN COLORADO STATE COLLEGE (PUERLO, COLORADO)
93	3	*	AUBURN UNIVERSITY (AUBURN, ALABAMA)
94	3	*	UNIVERSITY OF NORTH CAROLINA AT WILMINGTON (NC)
95	2		NEW ENGLAND COLLEGE (HENNIKER, NH)
96	3	*	UNIVERSITY OF SOUTHERN MISSISSIPPI (HATTIESBURG)
97	3		SAINT BERNARD COLLEGE (SAINT BERNARD, ALABAMA)
98	3		MARY BALDWIN COLLEGE (STAUNTON VA)
99	3		ECKERD COLLEGE (ST. PETERSBURG, FLA.)
100	3	*	UNIVERSITY OF FLORIDA (GAINESVILLE)
101	3		UNIVERSITY OF TENNESSEE MEDICAL UNITS (MEMPHIS)
102	3		LONGWOOD COLLEGE (FARMVILLE, VA.)
103	3		UNIVERSITY OF TENNESSEE AT CHATTANOOGA
104	2	*	UNIVERSITY OF CALGARY (CALGARY, ALBERTA)
105	3		N.C.A AND T STATE UNIVERSITY (GREENSBORO, NC)
106	3		FLORIDA ATLANTIC UNIVERSITY (BOCA RATON, FLA)
107	3		SOUTHEASTERN LOUISIANA UNIVERSITY (HAMMOND, LA)
108	3		ST. PETERSBURGH JUNIOR COLLEGE (FLA)
109	3		UNIVERSITY OF MISSISSIPPI (UNIVERSITY, MISS)
110	3		CENTRAL PIEDMONT COMMUNITY COLLEGE (CHARLOTTE, NC)

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
111	1	*	UNIVERSITY OF WISCONSIN (MILWAUKEE, WISCONSIN)
112	2		VIRGINIA POLYTECHNIC INSTITUTE (BLACKSBURG)
113	1	*	
114	1	*	WESTERN MICHIGAN UNIVERSITY (KALAMAZOO, MICH.)
115	3		FLORIDA STATE UNIVERSITY (TALLAHASSEE)
116	2		ST. JOHN FISHER COLLEGE (ROCHESTER, NY)
117	1	*	INDIANA-PURDUE UNIVERSITY AT FORT WAYNE
118	1	*	BOWLING GREEN UNIVERSITY (BOWLING GREEN, OHIO)
119	1	*	CENTRAL MICHIGAN UNIVERSITY (MT PLEASANT, MICH.)
120	1	*	UNIVERSITY OF AKRON (AKRON, OHIO)
121	1	*	UNIVERSITY OF MICHIGAN (ANN ARBOR)
122	1	*	SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
123	2		COLBY COLLEGE (WATERVILLE, ME)
124	1	*	
125	1	*	
126	2		MASSASOIT COMMUNITY COLLEGE (BROCKTON, MASS.)
127	2		COLLEGE DE SHERBROOKE (SHERBROOKE, QUEBEC)
128	1	*	SOUTHERN ILLINOIS UNIVERSITY (CARBONDALE, ILLINOIS)
129	4	*	UNIVERSITY OF TEXAS AT EL PASO (EL PASO, TEXAS)
130	4	*	KANSAS STATE TEACHERS COLLEGE (EMPORIA, KANSAS)
131	4	*	UNIVERSITY OF MISSOURI-KANSAS CITY (KANSAS CITY, MO)
132	4	*	SOUTH DAKOTA STATE UNIVERSITY (BROOKINGS, SD)
133	4	*	WASHINGTON UNIVERSITY-SCHOOL OF MEDICINE (ST. LOUIS, MO.)
134	2		MANHATTAN COLLEGE (NEW YORK CITY)
135	4	*	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER (SAN ANTONIO)
136	2		
137	2		ESSEX COUNTY COLLEGE (NEWARK, NJ)
138	2	*	ALFRED UNIVERSITY (ALFRED, NY)
139	2	*	
140	3	*	
141	2		LEHIGH UNIVERSITY (BETHLEHEM, PA)
142	2		
143	2		ROCHESTER INSTITUTE OF TECHNOLOGY (ROCHESTER, NY)
144	2		
145	2		UNIVERSITY OF MAINE (ORONO, ME)
146	2		UNIVERSITY OF WATERLOO (WATERLOO, ONTARIO)
147	2		
148	1		UNIVERSITY OF MANITOBA (WINNIPEG, MANITOBA)
149	1		OAKLAND COMMUNITY COLLEGE (OAKLAND COUNTY, MICH)
150	2		ACADIA UNIVERSITY (WOLFVILLE, NOVA SCOTIA)
151	1		LORAIN COUNTY COMMUNITY COLLEGE (ELYRIA, OHIO)
152	6		UNIVERSITY OF WASHINGTON (SEATTLE, WASHINGTON)
153	5		BRIGHAM YOUNG UNIVERSITY (PROVO, UTAH)
154	4		OKLAHOMA STATE UNIVERSITY (STILLWATER, OKLAHOMA)
155	3		MURRAY STATE UNIVERSITY (MURRAY, KENTUCKY)
156	4		KANSAS STATE UNIVERSITY (MANHATTAN, KANSAS)
157	4		UNIVERSITY OF NEBRASKA MEDICAL CENTER (OMAHA, NEB.)
158	4		STEPHEN F. AUSTIN STATE UNIVERSITY (WACO, TEXAS)
159	2		YORK UNIVERSITY (DOWNSVILLE, ONTARIO)
160	3		MEDICAL UNIVERSITY OF SOUTH CAROLINA (CHARLESTON)
161	1		UNIVERSITY OF MINNESOTA (MINNEAPOLIS-ST. PAUL)

APPA REGIONS



UNIT COSTS - MIDWEST REGION

(SQUARE FEET IN THOUSANDS)

SCH FIES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY + EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA ACRES
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	2 4 G M	GROSS AREA MAINT
980 019	115 .206	115 .305	984 .571	INCL. IN 8	115 .752	115 .245	115 .336	INCL. IN 1	13362	X	217 35
1024 003	222 .081	222 .200	222 .248		222 .270	222 .126	222 .112	222 .044		X X	70 60
1150 032	691 .060	291 .366	291 .394		691 .403	691 .065	691 .079	691 .072		X	650 40
1467 061		580 .133	580 .151	580 .002	580 .321	1168 .027	580 .063		200000	X	40 40
1543 124	231 .079	231 .149	231 .263	231 .003	231 .255	231 .050	231 .014	231 .053		X	18 14
2131 062	25 .085	70 .235	140 .467	2 .008	120 .401	37 .124	19 .062	25 .084	10413	X	555 70
2267 063	761 .210	486 .290	486 .420	INCL. IN 8	486 .490	761 .110	761 .050	761 .170		X X	1378 92
2402 064	293 .006	294 .176	294 .666		294 .342	294 .054	294 .034	294 .020	40236	X	110 27
2627 067	921 .042	495 .309	495 .362		625 .235	531 .106	922 .032		82000	X	90 45
3009 151	338 .095	338 .051	291 .586		338 .255	6273 .015			8400	X	250 144
3500 068	270 .074	270 .300	270 .466		270 .507	270 .193	270 .033	270 .156	25000	X	320 100
3657 069	904 .087	904 .240	904 .391	INCL. IN 8	904 .703	904 .129	904 .161		300000	X	700 100
3692 149										X	663 321
3782 070	1385 .049	653 .244	653 .347	1357 .001	653 .424	9932 .010		1385 .027	10000	X	303 228
4115 117	450 .079	450 .103	450 .445		445 .636	450 .094	450 .181	450 .360		X X	475 70
4500 037	510 .078	510 .246	510 .470		510 .470	545 .100		510 .060	10000	X	640 180
5100 016	429 .210	429 .280	429 .910	429 .010	429 .810	429 .380	429 .280	429 .030	26750	X	198 131
5300 034	478 .012	478 .333	478 .488		478 .707	478 .201	478 .151			X	900 112
5376 033	2006 .067	1154 .219	1154 .306		2006 .401	2006 .056		1154 .037	29640	X X	925 113
6500 021	1923 .056	1442 .324	1442 .880		1442 .645	1478 .104	1442 .107	1923 .054	60200	X	71 71
8175 031	1504 .166	1504 .410	1504 .452	1504 .014	1504 .828	1504 .134	1504 .160	1504 .720	3363000	X X	153 60
8445 045	7647 .019	6481 .395	4554 .339		7647 .477	6400 .039		6414 .039	300000	X X	175 75
8877 125	1089 .036	1089 .436	1089 .430		1089 .946	1089 .168	1089 .138		7344	X	316 316
9090 072	1236 .059	1236 .197	1236 .288		1236 .386	933 .097	1236 .142	1236 .095	96414	X X	72 22
9423 122	1264 .153	1264 .222	1264 .585	1264 .035	1264 .622	1264 .408	1264 .356	1264 .067	730248	X	2686 889
9930 074	2796 .230	2717 .340	2660 .420	INCL. IN 8	2717 .410	2796 .090	2796 .110	2796 .170	400000	X X	423 196
12379 083	2173 .095	2173 .340	2173 .380	3975 .012	2173 .420	12502 .020	3975 .070	3975 .053	1339800	X X	414 289
13588 085	1057 .066	1057 .629	1024 .600		1057 .450	.040	1057 .220		26500	X X	64 56
13800 119	1333 .137	1333 .388	1333 .493	INCL. IN 8	1333 .413	1333 .189	1333 .263	INCL. IN 6	279249	X X	1338 286
15211 118	1828 .053	1828 .477			1828 .499	1828 .073		1828 .018		X X	1255 495
15453 120	1360 .090	1360 .410			1360 .580	2385 .060	1360 .200	1360 .080		X X	55 55
15659 010	4497 .171	3259 .222	3259 .400	3259 .006	3259 .307	3259 .058	3259 .035	4497 .034	246000	X X X	1020 204
17500 040	2909 .043	2909 .442	2909 .384		2909 .447	2909 .104			300000	X X	720 430
17646 148	4448 .080	4448 .240	4448 .300		4448 .250					X X	600 85
17679 114	5654 .039	5654 .188	2662 .456	5654 .013	5654 .329	5654 .095	5654 .061	5654 .040	266060	X X X	842 340
17722 055		1814 .351	1814 .337		1814 .363				818725	X X	926 325
18975 111	4225 .099	3000 .247	3000 .401		3000 .448	1225 .119				X X	257 97
19000 042	2963 .144	2963 .398	2963 .390	2963 .012	2963 .840	2963 .073	2963 .317		193217	X X	115 92
20000 043	3375 .148	3375 .310	3375 .498		3375 .413	3375 .081	3375 .108	3375 .084	27492	X X X	148 148
20349 128	3382 .034	3382 .358	3382 .366	3382 .004	3382 .526			INCL. IN 6	136097	X X X	2859 865
24585 076	4620 .057	4620 .383	4620 .589	INCL. IN 8	4620 .825	4620 .071	4620 .158	4620 .146	470357	X X	175 80
27507 113	12364 .043	5780 .204	5780 .312	11148 .033	11148 .329	5780 .071	11148 .052	5780 .053	198907	X X	900 600
30106 078	11875 .025	6699 .177	5890 .312		11834 .348	11875 .044		11875 .057	269792	X X	1935 1000
31140 081	8141 .043	8141 .380	8141 .354	8141 .072	8141 .480	8141 .081	8141 .113	8141 .038		X X	655 655
34000 084	11275 .065	10247 .217	9072 .434	11272 .014	10247 .460		11275 .867	11275 .372	1500000	X X	2908 313
34620 121	8242 .053	8242 .370	8003 .403		12532 .450				1424302	X X X	2540 704
40008 082	7722 .037	7766 .302	7036 .303		13389 .332	15482 .079	15482 .059		464050	X X X	5208 1300
41220 141	8942 .036	8992 .432	8992 .340		8992 .330	8992 .044		8992 .027	1104024	X X	1054 435

UNIT COSTS - EASTERN REGION
(SQUARE FEET IN THOUSANDES)

SCH FTES NUM	ADMINI- STRATION SOFT \$/SF (1)	BUILDING MAINTENANCE SOFT \$/SF (2)	CUSTODIAL SERVICES SOFT \$/SF (3)	SAFETY + EMPLOYEE TRAINING SOFT \$/SF (4)	UTILITIES SOFT \$/SF (5)	LANDSCAPE AND GROUNDS SOFT \$/SF (6)	TRAFFIC AND SECURITY SOFT \$/SF (8)	GENERAL SERVICES SOFT \$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2 4 G M	CAMPUS AREA ACRES GROSS AREA MAINT
350 066	474 .160	474 .610	474 .510	474 .030	474 .890		474 .160	474 .040	169022	X	70 50
591 088										X	5
596 089										X	100 100
725 090										X	214 100
1193 084	1294 .046	642 .256	585 .338	INCL. IN 8	607 .303	1294 .132	1294 .059	INCL. IN 6	99000	X	325 200
1200 047		500 .260	500 .400		500 .680		500 .160		3500	X	
1200 053	500 .100	500 .030	500 .040	500 .600	500 .300	500 .080	INCL. IN 4	500 .030	1000000	X	120 100
1200 080	1715 .096	1715 .997	1174 .914	1715 .009	1715 .633	1715 .017	1715 .341		1333596	X	10 10
1200 091	619 .040	619 .250	566 .275	INCL. IN 8	566 .280	619 .065	566 .125	INCL. IN 6	163000	X	43 25
1238 095	333 .064	150 .247	150 .147	INCL. IN 8	150 .297		333 .124	INCL. IN 6	9485	X	200 50
1376 116	343 .150	343 .330	343 .480	343 .050	343 .420	343 .130	343 .160	343 .060	107000	X	125 22
1550 123	836 .058	836 .173	836 .306	836 .001	836 .260	836 .140	836 .039	836 .102	22000	X	800 200
1625 126	.200	.080	.480	.010	.650	.010	.020	.050		X	95 93
2293 138	430 .083	430 .554	389 .446	400 .005	430 .553	430 .101	430 .070	430 .053	20000	X	315 250
2480 150	1163 .068	1163 .177	1163 .288		1163 .262	1786 .052	1163 .047			X	198 41
3300 127	500 .150	500 .370	500 .230	500 .020	500 .400	1290 .030	500 .170	500 .250	130000	X	66 30
3310 134	493 .090	493 .424	493 .409		493 .498	493 .120	493 .278			X	20 20
3932 136	3100 .050	2290 .507	2150 .555		2290 .463	.053			300000	X	185 110
4380 137	186 .280	186 .560	186 .920		186 .360		186 .790	186 .020	575000	X	
4440 073	329 .133	329 .547	329 .708	329 .046	329 .946	329 .293	329 .264	329 .303	24200	X	137 88
4625 141									107605	X	750 200
5195 142	1866 .047	1866 .166	1866 .491	1866 .017	1866 .428	1866 .077	1866 .069	1866 .053	120688	X	275 110
6854 139	1790 .043	1790 .391	1611 .353	1790 .016	1790 .284	1790 .028	1790 .192	1790 .027	175800	X	38 16
7014 143	2164 .082	2164 .319	2164 .391		2164 .583	22000 .013		2164 .080	400000	X	1300 500
8044 144									200000	X	277 100
8830 145	1651 .112	1651 .270	1651 .360	1651 .014	1651 .430	1651 .210	1651 .100	1651 .050	240724	X	3130 400
11200 075	3950 .180	3950 .070	3950 .270	INCL. IN 8	3950 .190	3950 .090	3950 .100	3950 .150	1146000	X	356 356
11390 159	2876 .002	2876 .158	2876 .453	4092 .012	2876 .467	4092 .012	4092 .012	2875 .012		X	566 235
11931 146	3760 .196	3760 .225	2407 .435	3760 .086	3760 .348	3760 .094	INCL. IN 4		53000	X	1000 287
12245 104	3600 .040	3140 .230	3140 .420	3140 .020	3140 .380	3350 .060	3600 .060	3600 .090	400000	X	600 300
13663 087	2205 .022	2205 .332	2041 .438		2205 .636	2205 .094			106724	X	2315 467
14962 112	2329 .087	2329 .428	2329 .279		4550 .193	2329 .130	4550 .059	4550 .071	207600	X	2113 650
20560 046	4013 .070	4013 .260	2400 .750	4013 .020	3506 .320	4013 .080	3644 .170	4013 .130	2650000	X	1700 700
21930 051	8232 .009	8232 .304	6638 .403		8232 .307	8232 .149		8232 .001	227940	X	1282 566
24942 071	10994 .105	6436 .160	5493 .420		10994 .291	17424 .026			1500000	X	4936 400
26119 147	7159 .258	7089 .329	5990 .460	7159 .047	7089 .601	7089 .070	7159 .125	7159 .035	1992000	X	128 68
29000 004	7436 .092	6455 .388	4129 .506		7436 .641	7109 .095		7436 .076	1028000	X	1350 700

UNIT COSTS - SOUTHEASTERN REGION

(SQUARE FEET IN THOUSANDS)

SCH FTES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY + EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA GROSS ACRES
	SQFT \$/SF (1)	SQFT \$/SF (2)	SQFT \$/SF (3)	SQFT \$/SF (4)	SQFT \$/SF (5)	SQFT \$/SF (6)	SQFT \$/SF (8)	SQFT \$/SF (9)	DOLLARS (7)	2 4 G M	AREA MAINT
426 097	266 .060	310 .100	128 .280		211 .310	2178 .010	300 .010			X	120 50
750 098									80000	X	8 8
958 099	208 .077	208 .261	208 .241		208 .394	208 .104	208 .096	208 .008		X	280 150
1917 101	1295 .111	1295 .610	1295 .385	1295 .013	1295 .299	1295 .040	1295 .047	1295 .134	186503	X	72 6
1918 160	1471 .083	1471 .425	1065 .408	1471 .006	1471 .323	1471 .026	1471 .156		1209000	X X	127 35
2066 094	313 .077	313 .248	313 .415		313 .328	313 .152	313 .216	313 .058		X	654 110
2601 102	338 .056	338 .168	332 .145		338 .216	1829 .090	2657 .090	338 .078	472134	X X	61 42
3110 140	1677 .040	681 .110	681 .326	681 .055	1677 .298	1677 .045	1677 .068	1677 .067	407530	X X	206 165
3739 020	1600 .044	1050 .330	1050 .260	1600 .002	1050 .230	1600 .070	1600 .060	1050 .070	102400	X X	450 160
4147 103	573 .147	573 .282	572 .527		573 .246	572 .112		572 .069	69565	X X	52 4
4174 060	360 .440	360 .340	360 .330	360 .003	360 .680	360 .380	360 .420	360 .460	48498	X	344 25
4214 105	1458 .067	1458 .096	1458 .241		1458 .302	1458 .024	.109	.018	65009	X	181 50
4757 106	1135 .100	833 .370	833 .430	INCL. IN 1	833 .590	1135 .160	1135 .160	1135 .100	180664	X	874 200
5979 107										X X	375 135
6056 155	1182 .067	1182 .046	1182 .021		2327 .191	2327 .023	2327 .039	2327 .072	182392	X X	632 276
6743 108	752 .080	752 .233	752 .422		.289	.096		INCL. IN 5		X	130 79
7804 109	1072 .062	1072 .410	1072 .335	1072 .060	1072 .356	1072 .194		1072 .131	750000	X X	1908 300
7961 044	1562 .099	1562 .233	1562 .262		1562 .358	1562 .076			139065	X X	96 96
8226 096	2147 .046	2147 .046	2130 .235	2144 .013	2147 .277	2147 .085	2144 .087	2146 .044	589000	X	901 200
9100 110	526 .100	526 .680	421 .335	526 .002	526 .350	526 .080	526 .150	526 .060		X	28 28
12067 049	3369 .089	3369 .221	3369 .364		3369 .574			3369 .024	152256	X X	574 356
15372 093	4247 .030	2218 .394	2218 .167	4247 .010	2218 .194	4247 .059	4247 .042	2218 .021	165276	X X	1871 390
15849 026	6771 .051	4229 .195	4229 .329		4229 .378	6771 .086	6771 .093	4229 .067	502550	X X	1435 604
18193 029	1611 .260	1611 .290	1611 .470		1611 .550	1611 .240	1611 .260		108650	X X	1660 960
19616 115	2672 .073	2672 .382	2672 .435	4853 .009	2672 .550	4853 .135	4853 .139	2672 .079	494173	X X	1339 373
24935 100	3596 .073	3596 .343	3596 .453	7625 .009	3596 .481	7625 .138	7625 .082	7625 .026	47072	X X	1750 1166

UNIT COSTS - CENTRAL REGION

(SQUARE FEET IN THOUSANDS)

SCH FTES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA ACRES
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	2 4 6 M	GROSS AREA MAINT
470 018		567 .599	543 .473			567 .086	567 .456	567 .169	2111790	X	58 35
590 133	1317 .065	1317 .467	377 1.09		1317 .843	1317 .039	1317 .125	1317 .027	2000000	X X	20 20
785 135	468 .208	468 .288	468 .534	468 .066	468 1.11	468 .097	468 .233	468 .073	1206000	X X	100 35
1415 157	1276 .040	1185 .270	977 .740		1277 .390	1185 .060	1298 .060	1298 .040	2500000	X	44 30
2275 048	427 .079	427 .085	427 .151	427 .001	427 .309	427 .065	427 .061	427 .053	29168	X	475 145
2303 014	610 .054	394 .173	394 .233		394 .284		610 .039	394 .048	22335	X X	52 45
4569 039	1325 .197	1160 .172	1089 .365	1325 .019	1278 .658	4950 .016	5898 .036		232950	X X	192 105
5466 023	842 .049	565 .234	550 .265	830 .005		830 .087	830 .093	564 .114		X X	162 146
6042 130	732 .097	732 .198	732 .300	114CL. IN 1	1150 .440	1150 .100	1150 .078	732 .084	32000	X X	412 212
6386 132										X X	206 126
8206 052	1653 .570	1653 .290	1653 .520		1653 .730	1653 .080	1653 .280	1653 .440		X	
9248 054	987 .109	987 .352	987 .620	987 .018	987 .428	687 .128			250361	X X	129 113
9261 158		819 .680	810 .250		819 .600			819 .060	62146	X X	300 208
9278 041	2620 .040	1473 .220	1473 .320	1473 .010	1473 .310	2620 .080		1473 .030	148098	X X	171 171
9297 129	1200 .100	1200 .250	1200 .260	.025	1200 .819	2861 .034	.075	.100		X X	188 100
9428 058	1610 .059	1610 .174	1610 .216	1871 .018	1871 .266	3785 .066	1871 .111	1871 .055	293045	X X	3500 160
9500 036	1469 .103	1292 .289	1122 .220		1122 .225	1469 .106	1469 .141	1122 .017	80000	X X	268 138
9597 131	1468 .177	1072 .161	1017 .717	1468 .014	1128 .618	4225 .024	146 .322		387102	X X	97
15014 050	7388 .028	4806 .290	4126 .250	7388 .005	7388 .332	7338 .041	7338 .030	7338 .012	116500	X X	512 350
15075 156	4666 .048	2795 .229	2698 .174		3048 .360	4089 .042	4666 .056		104000	X X	340 180
16951 154										X	488 326
22051 065	3230 .040	3484 .293	3230 .324	3664 .200	3664 .450	3664 .097	3664 .106		796011	X X	350 175
22101 077	6408 .108	3892 .381	3924 .460	3892 .010	6156 .602	6296 .009	6366 .148	3892 .033		X X	1200 290

UNIT COSTS - ROCKY MOUNTAIN REGION

(SQUARE FEET IN THOUSANDS)

SC# FTE#	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2 4 G M	CAMPUS AREA GROSS AREA MAINT
	SQFT \$/SF (1)	SQFT \$/SF (2)	SQFT \$/SF (3)	SQFT \$/SF (4)	SQFT \$/SF (5)	SQFT \$/SF (6)	SQFT \$/SF (8)	SQFT \$/SF (9)			
1106 027	1474 .070	1474 .310	1474 .945	1474 .014	1474 .444	1474 .036	1474 .143	1474 .327	516263	X X X	177 36
1200 028	189 .150	189 .470	189 .310		189 .320	189 .170	189 .040			X	73 42
1306 030	53+ .145	534 .227	453 .472	INCL. IN 8	534 .470	INCL. IN 2	534 .090	INCL. IN 2	257360		451 35
2741 024	745 .052	745 .228	745 .262	745 .013	745 .222	745 .047	745 .062		300000		83 69
5300 092	933 .100	933 .240	730 .400		730 .400	.140	933 .150	933 .230	35000		840 85
8102 025	1478 .065	1478 .129	1397 .241		1589 .266	1589 .073	1589 .054	1589 .125	189569	X X	1171 204
8546 022	3126 .029	2172 .220	2172 .250		3126 .184	3823 .047	2172 .042	2172 .042	280000	X X	635 95
8547 017	1263 .100	1263 .230	1263 .320		1263 .260	1263 .050	1263 .050	1263 .140	1615674	X X	797 201
8763 015	2542 .093	2542 .171	2542 .176	2542 .016	2542 .212	2542 .043	2542 .025	2542 .004	783669	X X	376 281
10056 012	3056 .080	3056 .160	3056 .300	3056 .010	3056 .330	3056 .100	3056 .100	3056 .050	75101	X X	596 60
11555 008	1078 .070	1078 .310	1078 .290	INCL. IN 8	1078 .350	1078 .170	1078 .090	1078 .010	12862	X X	292 247
16656 007	3336 .092	3336 .188	3336 .296	INCL. IN 2	3336 .255	3336 .092	3336 .082		103733	X X	2862 421
26260 153	5476 .088	3742 .189	3742 .286	5476 .005	5476 .175	10934 .026	17947 .018	5476 .022	549359	X X	590 251

UNIT COSTS - WEST COAST REGION

(SQUARE FEET IN THOUSANDS)

SCH FTES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY + EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA GROSS ACRES
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)		2 4 G M	AREA MAINT
1515 002	1708 .186	1708 .167	1708 .314		1708 .828	1708 .103		1708 .104	1180000	X X	78
2629 005	1574 .060	1574 .720	1010 .990	1574 .060	1478 .930	1783 .190	1574 .130	1574 .110		X X X	335
4333 001	2549 .048	1433 .343	1167 .415	2549 .005	1433 .455	2549 .073	2549 .072	1433 .021	178787	X X	455
4800 006	682 .093	682 .352	682 .335	682 .011	682 .298	682 .149			91000	X	250
6714 038	1026 .141	1026 .295	946 .386		1026 .310	1026 .216	2197 .055	1026 .057	46353	X X	320
11500 059	3654 .091	3654 .190	3654 .293		3654 .407	3654 .104	3654 .020	3654 .010	102132	X X X	8500
12274 011	2285 .063	2285 .286	2285 .326		2285 .599	2285 .162		2285 .016	155396	X X	840
14500 056	6450 .053	4079 .364	3230 .295	6450 .017	5692 .213	5781 .056	6450 .035	5781 .013	895680	X X X	1678
15545 035	4755 .068	4755 .346	3146 .386	4755 .065	4755 .191	4755 .135	4755 .091	4745 .060	145000	X X X	3776
15795 009	3552 .078	3552 .155	3095 .266	3552 .005	3552 .244	3552 .039	3552 .054	3552 .031	105287	X X	414
17738 057	5156 .080	5156 .201	5156 .474	5156 .005	5156 .400	5156 .064	5156 .054	5156 .074	1000000	X X X	100
19982 013	3509 .051	3509 .188	2763 .310	3509 .007	3509 .274	3509 .055		3509 .048	39166	X X X	303
29661 079	6806 .050	6806 .240	6806 .326		6806 .460	6806 .114		6806 .028	268042	X X X	303
34500 152	10855 .051	7444 .358	7019 .329	10855 .007	9180 .265	10855 .042	10855 .084	10855 .019		X X X	630

UNIT COSTS - 0-3000 F.T.E.

(SQUARE FEET IN THOUSANDS)

SCH FTES	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA ACRFS GROSS AREA
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	2 4 6 M	
350 066										X	70
426 097	266 .060	310 .100	128 .280		211 .310	2178 .010	300 .010			X	120
470 018		567 .599	543 .473		556	567 .086	567 .456	567 .169	2111790	X	58
590 133	1317 .065	1317 .467	377 1.09		1317 .843	1317 .039	1317 .125	1317 .027	2000000	X X	20
591 088	474 .160	474 .610	474 .510	474 .030	474 .890		474 .160	474 .040	169022	X X X	5
596 089										X	100
725 090										X	214
750 098									80060	X	8
785 135	468 .208	468 .288	468 .534	468 .066	468 1.11	468 .097	468 .233	468 .073	120600	X X	100
958 099	208 .077	208 .261	208 .241		208 .394	208 .104	208 .096	208 .008		X	35
980 019	115 .206	115 .305	984 .571	INCL. IN 8	115 .752	115 .245	115 .336	INCL. IN 1	13362	X	217
1024 003	222 .081	222 .200	222 .248		222 .270	222 .126	222 .112	222 .044		X X	70
1106 027	1474 .070	1474 .310	1474 .945	1474 .014	1474 .444	1474 .036	1474 .143	1474 .327	516263	X X X	177
1150 032	691 .060	291 .366	291 .394		691 .403	691 .065	691 .079	691 .072		X	650
1193 084	1294 .046	642 .256	585 .338	INCL. IN 8	607 .303	1294 .132	1294 .059	INCL. IN 6	99000	X	325
1200 028	189 .150	189 .470	189 .310		189 .320	189 .170	189 .040			X	73
1200 047		500 .260	500 .400		500 .680		500 .160		3500	X X	100
1200 053	500 .100	500 .030	500 .040	500 .600	500 .300	500 .080	INCL. IN 4	500 .030	1000000	X X	10
1200 080	1715 .096	1715 .997	1174 .914	1715 .009	1715 .633	1715 .017	1715 .341		1333596	X X X	43
1200 091	619 .040	619 .250	566 .275	INCL. IN 8	566 .267	619 .065	566 .125	INCL. IN 6	163000	X X	25
1238 095	333 .064	150 .247	150 .147	INCL. IN 8	150 .290		333 .124	INCL. IN 6	9485	X	200
1306 030	534 .145	534 .227	453 .472	INCL. IN 8	534 .470	INCL. IN 2	534 .090	INCL. IN 2	257360	X	451
1376 116	343 .150	343 .330	343 .486	343 .050	343 .420	343 .130	343 .160	343 .060	107000	X	125
1415 157	1276 .040	1185 .270	977 .740		1277 .390	1185 .060	1298 .060	1298 .040	250000	X	44
1467 061		580 .133	580 .151	580 .002	580 .321	1168 .027	580 .063		200000	X X	40
1515 002	1708 .186	1708 .167	1708 .314		1708 .828	1708 .103		1708 .104	1180000	X X	78
1543 124	231 .079	231 .149	231 .263	231 .003	231 .255	231 .056	231 .014	231 .053		X	18
1550 123	836 .058	836 .173	836 .306	836 .001	836 .240	836 .140	836 .039	836 .102	22000	X	800
1625 126	.200	.080	.480	.010	.650	.010	.020	.050		X	95
1917 101	1295 .111	1295 .610	1295 .385	1295 .013	1295 .299	1295 .040	1295 .047	1295 .134	186503	X	72
1918 160	1471 .083	1471 .425	1065 .408	1471 .006	1471 .323	1471 .026	1471 .156		1209000	X X	6
2066 094	313 .077	313 .248	313 .415		313 .328	313 .152	313 .216	313 .058		X	110
2131 062	25 .085	70 .235	140 .467	2 .008	120 .401	37 .124	19 .062	25 .084	10413	X	555
2207 063	761 .210	486 .290	486 .420	INCL. IN 8	486 .490	761 .110	761 .050	761 .170		X X	70
2275 048	427 .079	427 .085	427 .151	427 .001	427 .309	427 .065	427 .061	427 .053	29168	X X	92
2293 138	430 .083	430 .554	389 .446	400 .005	430 .553	430 .101	430 .070	430 .053	20000	X X	145
2303 014	610 .054	394 .173	394 .233		394 .244	430 .101	610 .039	394 .048	22335	X X	315
2402 064	293 .006	294 .176	294 .666		294 .342	294 .054	294 .034	294 .020	40236	X	52
2480 150	1163 .068	1163 .177	1163 .288		1163 .242	1786 .052	1163 .047			X X	110
2601 102	338 .056	338 .168	332 .145		338 .216	1829 .090	2657 .096	338 .078	472134	X X	198
2607 067	921 .042	495 .309	495 .362		625 .235	531 .106	922 .032			X X	61
2629 005	1574 .060	1574 .720	1010 .990	1574 .060	1478 .910	1783 .190	1574 .130	1574 .110		X X	90
2741 024	745 .052	745 .228	745 .262	745 .013	745 .227	745 .047	745 .062		300000	X X X	335
										X	83

UNIT COSTS - 3000-6000 S.F.Tot.

(SQUARE FEET IN THOUSANDS)

SCH FTEs NUM	ADMINI- STRATION SOFT \$/SF (1)	BUILDING MAINTENANCE SOFT \$/SF (2)	CUSTODIAL SERVICES SOFT \$/SF (3)	SAFETY + EMPLOYEE TRAINING SOFT \$/SF (4)	UTILITIES SOFT \$/SF (5)	LANDSCAPE AND GROUNDS SOFT \$/SF (6)	TRAFFIC AND SECURITY SOFT \$/SF (8)	GENERAL SERVICES SOFT \$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 1 = 5 = 10	CAMPUS AREA ACRES PROCESS AREA MAINT
3009 151	338 .095	338 .051	291 .586		338 .255	6273 .015	.200		42000	X	250 144
3110 140	1677 .040	681 .110	681 .326	681 .055	1677 .298	1677 .045	1677 .068	1677 .067	407530	X X X	206 165
3300 127	500 .150	500 .370	500 .230	500 .020	500 .400	1290 .030	500 .170	500 .250	130000	X X X	66 36
3310 134	493 .090	493 .424	493 .409		493 .498	493 .120	493 .278	493 .020		X X X	20 20
3500 068	270 .074	270 .300	270 .466		270 .507	270 .193	270 .033	270 .156	8400	X	320 100
3657 069	904 .087	904 .240	904 .391	INCL.	904 .703	904 .129	904 .161		25000	X	700 100
3692 149									300000	X	663 321
3739 020	1600 .044	1050 .330	1050 .260	1600 .002	1050 .230	1600 .070	1600 .060	1050 .070	102400	X X X	450 140
3782 070	1385 .049	653 .244	653 .347	1357 .001	653 .424	9932 .010		1385 .027	10000	X X X	303 224
3932 136	3100 .050	2290 .507	2150 .555		2290 .463	.053			300000	X X X	145 110
4115 117	450 .079	450 .103	450 .445		445 .636	450 .094	450 .181	450 .360	69565	X X X	475 77
4147 103	573 .147	573 .282	572 .527		573 .246	572 .112		572 .069	48498	X X X	52 25
4174 060	360 .440	360 .340	360 .330	360 .003	360 .680	360 .380	360 .420	360 .460	65009	X X X	181 50
4214 105	1458 .067	1458 .096	1458 .241		1458 .302	1458 .024	.109	.018	178787	X X	455 264
4333 001	2549 .048	1433 .343	1167 .415	2549 .009	1433 .455	2549 .073	2549 .072	1433 .021	575000	X	
4380 137	186 .280	186 .560	186 .920		186 .360		186 .790	186 .020	24200	X	137 48
4440 073	329 .133	329 .547	329 .708	329 .046	329 .946	329 .293	329 .264	329 .303	10000	X	640 180
4500 037	510 .076	510 .246	510 .470		510 .470	545 .100		510 .060	232950	X X X	192 105
4569 039	1325 .197	1160 .172	1089 .366	1325 .019	1278 .658	4950 .016	5698 .036		107605	X X X	750 200
4625 141									180664	X X X	474 200
4757 106	1135 .100	833 .370	833 .430	INCL.	833 .590	1135 .160	1135 .160	1135 .100	91000	X	250 104
4800 006	682 .093	682 .352	682 .335	682 .011	682 .298	682 .149			26750	X	194 131
5100 016	429 .210	429 .280	429 .910	429 .010	429 .810	429 .380	429 .280	429 .030	120688	X	275 110
5145 142	1866 .047	1866 .166	1866 .491	1866 .017	1866 .428	1866 .077	1866 .069	1866 .053		X	900 112
5300 034	478 .012	478 .333	478 .488		478 .707	478 .201	478 .151		35000	X	840 85
5300 092	933 .100	933 .240	730 .400		730 .400	.140	933 .150	933 .230	29640	X X X	925 113
5376 033	2006 .067	1154 .219	1154 .306		2006 .401	2006 .056	830 .093	1154 .037		X X X	162 146
5466 023	842 .049	565 .234	550 .265	830 .005		830 .087		564 .114		X X X	375 135
5979 107											

UNIT COSTS - 6000-10000 F.T.F.

(SQUARE FEET IN THOUSANDS)

ITEMS	SCH NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA ACRES
		SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	2 4 6 M	GROSS AREA MAINT
6042	130	732 .097	732 .198	732 .300	INCL. IN 1	1150 .440	1150 .100	1150 .078	732 .084	32000	X X	412
6056	155	1182 .067	1182 .046	1182 .021		2327 .191	2327 .023	2327 .039	2327 .072	182392	X X X	632
6346	132										X X	206
6500	021	1923 .054	1442 .324	1442 .880		1442 .645	1478 .104	1442 .107	1923 .054	60200	X X	71
6714	038	1026 .141	1026 .295	946 .386		1026 .310	1026 .216	2197 .055	1026 .057	46353	X X	320
6743	104	752 .080	752 .233	752 .422		289 .289	.096		INCL. IN 5		X X	130
6854	139	1790 .043	1790 .391	1611 .353		1790 .284	1790 .027	1790 .192	1790 .027	175800	X X	38
7014	143	2164 .082	2164 .319	2164 .391	1790 .016	2164 .583	22000 .013		2164 .080	400000	X X	1300
7804	109	1072 .062	1072 .410	1072 .335	1072 .060	1072 .356	1072 .194		1072 .131	750000	X X	1908
7961	044	1562 .099	1562 .233	1562 .262		1562 .358	1562 .076			139065	X X X	94
8044	144									200000	X X	277
8162	025	1478 .065	1478 .129	1397 .241		1589 .266	1589 .073	1589 .054	1589 .125	189569	X X	1171
8175	031	1504 .166	1504 .410	1504 .452	1504 .014	1504 .828	1504 .134	1504 .160	1504 .720	3363000	X X	153
8206	052	1653 .570	1653 .290	1653 .520		1653 .730	1653 .080	1653 .280	1653 .440		X	
8226	096	2147 .046	2147 .046	2130 .235	2144 .013	2147 .277	2147 .085	2144 .087	2146 .044	589000	X X	901
8445	045	7647 .019	6481 .395	4554 .339		7647 .477	6400 .039		6414 .039	300000	X X X	175
8546	022	3126 .029	2172 .220	2172 .250		3126 .184	3823 .047		2172 .042	280000	X X	635
8547	017	1263 .100	1263 .230	1263 .320		1263 .260	1263 .050	1263 .050	1263 .140	1615674	X X	707
8763	015	2542 .093	2542 .171	2542 .176	2542 .016	2542 .212	2542 .043	2542 .025	2542 .004	783669	X X	376
8830	145	1651 .112	1651 .270	1651 .360	1651 .014	1651 .430	1651 .230	1651 .100	1651 .050	240724	X X	3130
8877	125	1049 .036	1049 .436	1089 .430		1089 .946	1089 .168	1089 .138		7344	X X	316
9040	072	1236 .059	1236 .197	1236 .288		1236 .386	933 .097	1236 .142	1236 .095	96414	X X	72
9100	110	526 .180	526 .680	421 .335	526 .002	526 .350	526 .080	526 .150	526 .060	250361	X X	28
9248	054	987 .109	987 .352	987 .620	987 .018	987 .428	687 .128			62146	X X	129
9261	158		819 .680	810 .250		819 .600			819 .060	148098	X X	300
9278	041	2620 .040	1473 .220	1473 .320	1473 .010	1473 .310	2620 .080		1473 .030		X X	171
9297	129	1200 .100	1200 .250	1200 .260	.025	1200 .819	2861 .034	.075	.100		X	188
9423	122	1264 .153	1264 .222	1264 .585	1264 .035	1264 .622	1264 .408	1264 .356	1264 .067	730248	X X	2686
9428	058	1610 .059	1610 .174	1610 .216	1871 .018	1871 .266	3785 .066	1871 .111	1871 .055	293045	X X X	3500
9500	036	1469 .103	1292 .289	1122 .220		1122 .225	1469 .106	1469 .141	1122 .017	80000	X X	268
9597	131	1468 .177	1072 .161	1017 .717	1468 .014	1128 .618	4225 .024	146 .322		387102	X X X	97
9930	074	2794 .230	2717 .340	2660 .420	INCL. IN 6	2717 .410	2796 .090	2796 .110	2796 .170	400000	X X X	423

UNIT COSTS 10000-16,000 S.F.

(SQUARE FEET IN PARENTHESES)

FTE'S	SCH NUM	ADMIN- STRATION		BUILDING MAINTENANCE		CUSTODIAL SERVICES		SAFETY - EMPLOYEE TRAINING		UTILITIES - WATER, GAS, SEWERAGE		TELEPHONE SERVICE		OFFICIAL SERVICES		MAJOR REPAIRS (7)	LEVEL OF ACADEMIC PROGRAM P U G M	CAMPUS AREA ACRFS GROSS AREA MAINT
		SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (7)	SOFT \$/SF (8)	SOFT \$/SF (9)	SOFT \$/SF (10)	SOFT \$/SF (11)	SOFT \$/SF (12)	SOFT \$/SF (13)	SOFT \$/SF (14)			
1054	012	3054	040	3054	010	3054	030	3054	010	3054	010	3054	010	3054	010	75101	X	596
1120	075	3450	070	3450	070	3450	070	3450	070	3450	070	3450	070	3450	070	1146000	X	356
1130	154	2476	002	2476	002	2476	002	2476	002	2476	002	2476	002	2476	002	1146000	X	356
1150	054	3654	091	3654	091	3654	091	3654	091	3654	091	3654	091	3654	091	102132	X	150
1155	004	1074	070	1074	070	1074	070	1074	070	1074	070	1074	070	1074	070	12862	X	247
1143	146	3760	025	3760	025	3760	025	3760	025	3760	025	3760	025	3760	025	53000	X	1000
1204	049	3369	089	3369	089	3369	089	3369	089	3369	089	3369	089	3369	089	152256	X	356
1224	104	3600	040	3600	040	3600	040	3600	040	3600	040	3600	040	3600	040	400000	X	500
1274	011	2285	043	2285	043	2285	043	2285	043	2285	043	2285	043	2285	043	155396	X	44
1234	083	2173	095	2173	095	2173	095	2173	095	2173	095	2173	095	2173	095	1334800	X	244
1348	085	1057	066	1057	066	1057	066	1057	066	1057	066	1057	066	1057	066	26500	X	56
1363	087	2205	022	2205	022	2205	022	2205	022	2205	022	2205	022	2205	022	106724	X	2115
1380	119	1333	117	1333	117	1333	117	1333	117	1333	117	1333	117	1333	117	279244	X	286
1450	056	6450	053	6450	053	6450	053	6450	053	6450	053	6450	053	6450	053	435640	X	592
1462	112	2329	087	2329	087	2329	087	2329	087	2329	087	2329	087	2329	087	207600	X	650
1501	050	7348	028	7348	028	7348	028	7348	028	7348	028	7348	028	7348	028	116500	X	350
1507	156	4666	044	4666	044	4666	044	4666	044	4666	044	4666	044	4666	044	104000	X	140
1521	114	1824	053	1824	053	1824	053	1824	053	1824	053	1824	053	1824	053	1624	X	495
1537	093	4247	030	4247	030	4247	030	4247	030	4247	030	4247	030	4247	030	165276	X	390
1543	120	1360	090	1360	090	1360	090	1360	090	1360	090	1360	090	1360	090	1360	X	55
1545	035	4755	064	4755	064	4755	064	4755	064	4755	064	4755	064	4755	064	145000	X	456
1549	010	4497	171	4497	171	4497	171	4497	171	4497	171	4497	171	4497	171	246000	X	204
1574	004	3552	074	3552	074	3552	074	3552	074	3552	074	3552	074	3552	074	105247	X	111
1549	024	6771	051	6771	051	6771	051	6771	051	6771	051	6771	051	6771	051	502550	X	604

UNIT COSTS - 16000-22000 F.T.E.

(SQUARE FEET IN THOUSANDS)

SCM FTEs NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY + EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA ACRES
	SOFT \$/SF (11)	SOFT \$/SF (12)	SOFT \$/SF (13)	SOFT \$/SF (14)	SOFT \$/SF (15)	SOFT \$/SF (16)	SOFT \$/SF (18)	SOFT \$/SF (17)	DOLLARS- (7)	2 4 G M	GROSS AREA MAINT
16656 007	3336 .092	3336 .188	3336 .296	INCL. IN 2	3336 .255	3336 .092	3336 .082		103733	X X	2862
16951 154										X	488
17500 046	2909 .043	2909 .442	2909 .384		2909 .447	2909 .104			300000	X X X	720
17646 148	4448 .080	4448 .240	4448 .300		4448 .250					X X	600
17679 114	5654 .039	5654 .188	2662 .456	5654 .013	5654 .329	5654 .095	5654 .061	5654 .040	266060	X X X	842
17722 055		1814 .351	1814 .337		1814 .363				118725	X X X	926
17738 057	5156 .080	5156 .201	5156 .474	5156 .005	5156 .400	5156 .064	5156 .054	5156 .074	1000000	X X X	190
18193 029	1611 .260	1611 .290	1611 .470		1611 .550	1611 .240	1611 .260		108650	X X X	1660
18975 111	4225 .099	3000 .247	3000 .401		3000 .448	1225 .119				X X	257
19000 042	2963 .144	2963 .398	2963 .390	2963 .012	2963 .840	2963 .073	2963 .317	2672 .079	143217	X X	115
19616 115	2672 .073	2672 .382	2672 .435	4853 .009	2672 .550	4853 .135	4853 .139	3509 .048	494173	X X X	1339
19982 013	3509 .051	3509 .188	2763 .310	3509 .007	3509 .274	3509 .055		3375 .084	39166	X X X	303
20000 043	3375 .148	3375 .310	3375 .498		3375 .413	3375 .081	3375 .108	INCL. IN 4	27492	X X X	148
20349 128	3382 .034	3382 .358	3382 .366	3382 .004	3382 .526				136047	X X X	2859
20560 046	4013 .070	4013 .260	2400 .750	4013 .020	3506 .320	4013 .080	3644 .170	4013 .130	2650000	X X	1700
21930 051	8232 .009	8232 .304	6638 .403		8232 .307	8232 .149		8232 .061	227940	X X	1282

UNIT COSTS - 22000• F.T.E.

(SQUARE FEET IN THOUSANDS)

SCM FTEs NJM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTOMER SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2 4 G M	CAMPUS AREA ACHES GROSS AREA MAINT
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)			
22051 065	3230 .040	3484 .243	3230 .324	3664 .200	3664 .450	3664 .047	3664 .106		796011	X X	350 175
22101 077	6408 .104	3492 .381	3024 .460	3892 .010	6156 .602	6296 .009	6366 .148	3892 .013	470357	X X X	1200 290
24585 076	4620 .057	4620 .383	4620 .589	INCL. IN 4	4620 .825	4620 .077	4620 .158	4620 .146	47072	X X X	175 80
24935 100	3596 .073	3596 .343	3596 .453	7625 .069	3596 .481	7625 .138	7625 .082	7625 .026	1500000	X X X X	1750 1166
24942 071	10994 .105	6436 .160	5493 .420	7159 .047	10994 .291	17424 .026	7159 .125	7159 .035	1992000	X X X X	4936 400
26119 147	7159 .258	7089 .329	5990 .460	5476 .005	7089 .601	7089 .070	17947 .018	5476 .022	549354	X X X	128 68
26260 153	5476 .084	3742 .189	3742 .286	11148 .033	5476 .175	10434 .026	17947 .018	5780 .053	198907	X X	590 251
27507 113	12364 .043	5780 .204	5780 .312	11148 .033	11148 .329	5780 .071	11148 .052	7436 .076	1028000	X X X	900 400
29000 004	7436 .092	6455 .388	4129 .506		7436 .641	7109 .095		7436 .076	268042	X X X	1350 700
29661 079	6806 .050	6806 .240	6806 .326		6806 .460	6806 .114		6806 .028	263792	X X X	303 211
30196 078	11875 .025	6699 .177	5890 .312		11834 .348	11875 .044		11875 .057	1500000	X X X	1935 1000
31140 081	8141 .043	8141 .380	8141 .354	8141 .072	8141 .480	8141 .081	8141 .113	8141 .038		X X X	655 655
34000 086	11275 .065	10247 .217	9072 .434	11272 .014	10247 .460		11275 .867	11275 .372	1500000	X X X	2908 313
34500 152	10855 .051	7444 .358	7019 .329	10855 .007	9180 .265	10855 .042	10855 .084	10855 .019	1424302	X X X X	630 280
34620 121	8242 .053	8242 .370	8003 .403	12532 .450	12532 .450				464050	X X X X	2540 704
40008 082	7722 .037	7766 .302	7038 .303	13389 .332	13389 .332	15482 .079	15482 .059		1108024	X X X X	5208 1300
41220 161	8992 .036	8992 .432	8992 .340	8992 .380	8992 .380	8992 .044		8992 .027		X X X	1054 435

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - 2 YEAR

(SQUARE FEET IN THOUSANDS)

SCH FILES NUM	ADMINI- STRATION SOFT \$/SF (1)	BUILDING MAINTENANCE SOFT \$/SF (2)	CUSTODIAL SERVICES SOFT \$/SF (3)	SAFETY & EMPLOYEE TRAINING SOFT \$/SF (4)	UTILITIES SOFT \$/SF (5)	LANDSCAPE AND GROUNDS SOFT \$/SF (6)	TRAFFIC AND SECURITY SOFT \$/SF (7)	GENERAL SERVICES SOFT \$/SF (8)	MAJOR REPAIRS DOLLARS (9)	LEVEL OF ACADEMIC PROGRAM 2 4 6 M	CAMPUS AREA GROSS ACRES INTEN AREA MAINT
350 066	115 .206	115 .305	984 .571	INCL. IN 8	115 .752	115 .245	115 .336	INCL. IN 1	13362	X	70 50
940 019	149 .150	149 .470	149 .310		149 .320	149 .170	149 .040			X	217 35
1200 028										X	73 42
1625 126	.200	.080	.480	.010	.650	.010	.020	.050		X	95 83
2131 062	25 .085	70 .235	140 .467	2 .008	120 .401	37 .124	19 .062	25 .084	10413	X	555 70
2402 064	293 .006	294 .176	294 .666		294 .342	294 .054	294 .034	294 .020	40236	X	110 27
3009 151	338 .095	338 .051	291 .586		338 .255	6273 .015	.200		82000	X	250 144
3300 127	500 .150	500 .370	500 .230	500 .020	500 .400	1290 .030	500 .170	500 .250	130000	X	66 30
3500 068	270 .074	270 .300	270 .466		270 .507	270 .193	270 .033	270 .156	34000	X	320 100
3692 149									300000	X	663 321
4380 137	186 .280	186 .560	186 .920		186 .360		186 .790	186 .020	575000	X	137 88
4440 073	329 .133	329 .547	329 .708	329 .046	329 .946	329 .293	329 .264	329 .303	24200	X	640 180
4500 037	510 .078	510 .246	510 .470		510 .470	545 .100		510 .060	10000	X	250 106
4800 006	682 .093	682 .352	682 .335	682 .011	682 .298	682 .149			91000	X	198 131
5100 016	429 .210	429 .280	429 .910	429 .010	429 .810	429 .380	429 .280	429 .030	26750	X	130 79
6743 108	752 .080	752 .233	752 .422		.289	.096		INCL. IN 5		X	
8206 052	1653 .570	1653 .290	1653 .520		1653 .730	1653 .080	1653 .280	1653 .440		X	
9100 110	526 .100	526 .680	421 .335	526 .002	526 .350	526 .080	526 .150	526 .060		X	28 28

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - 4 YEAR

(SQUARE FEET IN THOUSANDS)

FTEs	SCH NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTOMER SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA GROSS AREA	ACRFS INTEN MAINT
		SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (7)	DOLLARS (7)	2 4 G M		
426 097		266 .060	310 .100	128 .240		211 .310	217A .010	300 .010			X	120	50
596 089											X	100	100
725 090											X	214	100
750 098										40000	X	8	4
958 099		208 .077	208 .261	208 .241		208 .394	208 .104	208 .094	208 .008		X	280	150
1150 032		691 .060	291 .366	291 .344		691 .403	691 .065	691 .079	691 .072		X	650	40
1143 084		1294 .046	642 .256	585 .338	INCL. IN 4	607 .303	1294 .132	1294 .059	INCL. IN 6	49000	X	325	200
1200 053		500 .100	500 .030	500 .040	500 .500	500 .300	500 .080	INCL. IN 4	500 .030	1000000	X	120	100
1238 095		333 .064	150 .247	150 .147	INCL. IN 4	150 .247		333 .124	INCL. IN 6	4485	X	200	50
1306 030		534 .145	534 .227	453 .472	INCL. IN 4	534 .470	INCL. IN 2	534 .040	INCL. IN 2	257360	X	451	35
1376 116		343 .150	343 .330	343 .480	343 .050	343 .420	343 .130	343 .160	343 .060	107000	X	125	22
1467 061			580 .133	580 .151	580 .002	580 .321	1168 .027	580 .063		200000	X	40	40
1543 124		231 .074	231 .149	231 .263	231 .003	231 .255	231 .056	231 .014	231 .053		X	18	14
1550 123		836 .058	436 .173	836 .306	836 .001	836 .260	836 .140	836 .039	836 .102	22000	X	800	200
2065 094		313 .077	313 .244	313 .415		313 .324	313 .152	313 .216	313 .054		X	654	110
2275 048		427 .079	427 .085	427 .151	427 .001	427 .303	427 .065	427 .061	427 .053	29168	X	475	145
3657 069		904 .087	904 .240	904 .391	INCL. IN 4	904 .703	904 .124	904 .161		25000	X	700	100
3782 070		1385 .049	653 .244	653 .347	1357 .001	653 .424	9432 .010	1866 .069	1385 .027	10000	X	303	224
5145 142		1866 .047	1866 .166	1866 .491	1866 .017	1866 .424	1866 .077	1866 .053	1866 .053	120688	X	275	110
5300 034		478 .012	478 .333	478 .488		478 .707	478 .201	478 .151			X	900	112
5300 092		933 .100	933 .240	730 .400		730 .400	.140	933 .150	933 .230	35000	X	840	85
8044 144										200000	X	277	100
8226 046		2147 .046	2147 .046	2130 .235	2144 .013	2147 .277	2147 .085	2144 .087	2146 .044	549000	X	901	200
8547 017		1263 .100	1263 .230	1263 .320		1263 .260	1263 .050	1263 .050	1263 .140	615674	X	707	201
8877 125		1089 .036	1089 .436	1089 .430		1089 .946	1089 .168	1089 .138		7344	X	316	316
9297 129		1200 .100	1200 .250	1200 .260	.025	1200 .819	2861 .034	.075	.100		X	188	100
9423 122		1264 .153	1264 .222	1264 .585	1264 .035	1264 .622	1264 .408	1264 .356	1264 .067	730248	X	2686	489
11200 075		3950 .180	3950 .070	3950 .276	INCL. IN 4	3950 .190	3950 .090	3950 .100	3950 .150	1146000	X	356	356
13663 087		2205 .022	2205 .332	2041 .438		2205 .646	2205 .094			106724	X	2315	467
16951 154										198907	X	488	326
27507 113		12364 .043	5780 .204	5780 .312	11148 .033	11148 .329	5780 .071	11148 .052	5780 .053	900	X	900	600

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(SQUARE FEET IN THOUSANDS)

SCH FTES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY & EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA GROSS ACRES	INTEN MAINT
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	P 4 G M		
785 135	468 .208	468 .288	468 .534	468 .066	469 1.11	468 .097	468 .233	468 .073	120600	X X	100	35
1024 003	222 .081	222 .200	222 .248		222 .270	222 .126	222 .112	222 .044		X X	70	60
1200 047		500 .260	500 .400		500 .640		500 .160		3500	X X		
1200 091	619 .040	619 .250	566 .275	INCL. IN 8	566 .280	619 .065	566 .125	INCL. IN 6	163000	X X	43	25
1515 002	1708 .186	1708 .167	1708 .314		1708 .828	1708 .103		1708 .104	1180000	X X	78	78
2267 063	761 .210	486 .290	486 .420	INCL. IN 8	486 .490	761 .110	761 .050	761 .170		X X	1378	92
2293 138	430 .083	430 .554	389 .446	400 .005	430 .553	430 .101	430 .070	430 .053	20000	X X	315	250
2303 014	610 .054	344 .173	394 .233		394 .284		610 .039	394 .048	22335	X X	52	45
2480 150	1163 .068	1163 .177	1163 .288		1163 .262	1786 .052	1163 .047			X X	198	41
2601 102	338 .056	338 .168	332 .145		334 .216	1829 .090	2657 .090	338 .078	472134	X X	61	42
2627 067	921 .042	495 .309	495 .362		625 .235	531 .106	922 .032			X X	90	45
2629 005	1574 .060	1574 .720	1010 .990		1478 .930	1783 .190	1574 .130	1574 .110	300000	X X	335	41
2741 024	745 .052	745 .228	745 .262	745 .013	745 .222	745 .047	745 .062			X X	83	69
3310 134	493 .090	493 .424	493 .445		493 .498	493 .120	493 .278	493 .020		X X	20	20
4115 117	450 .079	450 .103	450 .445		445 .636	450 .094	450 .181	450 .360	69565	X X	475	70
4147 103	573 .147	573 .282	572 .527		573 .246	572 .112		572 .069		X X	52	4
4174 060	360 .440	360 .340	360 .330	360 .003	360 .680	360 .380	360 .420	360 .460	48498	X X	344	25
4214 105	1458 .067	1458 .096	1458 .241		1458 .302	1458 .024	109	.018	65009	X X	181	50
4333 001	2549 .048	1433 .343	1167 .415	2549 .009	1433 .455	2549 .073	2549 .072	1433 .021	178787	X X	455	264
4569 039	1325 .197	1160 .172	1089 .366	1325 .019	1278 .658	4950 .016	5898 .036		232950	X X	192	105
4625 141				INCL. IN 1	833 .590	1135 .160		1135 .100	107605	X X	750	200
4757 106	1135 .100	833 .370	833 .430						180664	X X	874	200
5376 033	2006 .067	1154 .219	1154 .306		2006 .401	2006 .056		1154 .037	29640	X X	925	113
5466 023	842 .049	565 .234	550 .265	830 .005		830 .087	830 .093	564 .114		X X	162	146
5979 107										X X	375	135
6042 130	732 .097	732 .198	732 .300	INCL. IN 1	1150 .440	1150 .100	1150 .078	732 .084	32000	X X	412	212
6056 155	1182 .067	1182 .046	1182 .021		2327 .191	2327 .023	2327 .039	2327 .072	182392	X X	632	276
6386 132										X X	206	126
6500 021	1923 .056	1442 .324	1442 .880		1442 .645	1478 .104	1442 .107	1923 .054	60200	X X	71	71
6714 038	1026 .141	1026 .295	946 .386		1026 .310	1026 .216	2197 .055	1026 .057	46353	X X	320	163
6854 139	1790 .043	1790 .391	1611 .353	1790 .016	1790 .244	1790 .028	1790 .192	1790 .027	175800	X X	38	16
7014 143	2164 .082	2164 .319	2164 .391		2164 .543	22000 .013		2164 .040	400000	X X	1300	500
7804 109	1072 .062	1072 .410	1072 .335	1072 .060	1072 .356	1072 .194		1072 .131	750090	X X	1908	300
8102 025	1478 .065	1478 .129	1397 .241		1589 .266	1589 .073	1589 .054	1589 .125	149569	X X	1171	204
8175 031	1504 .166	1504 .410	1504 .452	1504 .014	1504 .428	1504 .134	1504 .160	1504 .720	3363000	X X	153	60
8546 022	3126 .029	2172 .220	2172 .250		3126 .144	3423 .047		2172 .042	280000	X X	635	95
8763 015	2542 .093	2542 .171	2542 .176	2542 .016	2542 .212	2542 .043	2542 .025	2542 .004	783669	X X	376	281
8830 145	1651 .112	1651 .270	1651 .360	1651 .014	1651 .430	1651 .210	1651 .100	1651 .050	240724	X X	3130	400
9090 072	1236 .054	1236 .197	1236 .288		1236 .346	933 .097	1236 .142	1236 .095	96414	X X	72	22
9248 054	987 .109	987 .352	987 .620	987 .018	987 .428	687 .128			-250361	X X	129	113
9261 158		819 .680	810 .250		819 .600			819 .060	62146	X X	300	208
9274 041	2620 .040	1473 .220	1473 .320	1473 .010	1473 .310	2620 .040		1473 .030	148098	X X	171	171
9424 054	1610 .054	1610 .174	1610 .216	1871 .019	1871 .266	3785 .066	1971 .111	1471 .055	293045	X X	3500	160
9500 036	1469 .103	1292 .289	1122 .220		1122 .225	1469 .106	1469 .141	1122 .017	80000	X X	268	138
10056 012	3056 .080	3056 .160	3056 .300	3056 .010	3056 .330	3056 .100	3056 .100	3056 .050	75101	X X	596	60
11340 159	2876 .002	2876 .158	2876 .453	4092 .012	2876 .447	4092 .012	4092 .012	2875 .012		X X	566	235
11555 004	1078 .070	1078 .310	1078 .240	INCL. IN 4	1078 .350	1078 .170	1078 .090	1074 .010	12862	X X	292	247
11431 146	3760 .146	3760 .224	2407 .435	3760 .086	3760 .348	3760 .044	INCL. IN 4		53000	X X	1000	287

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

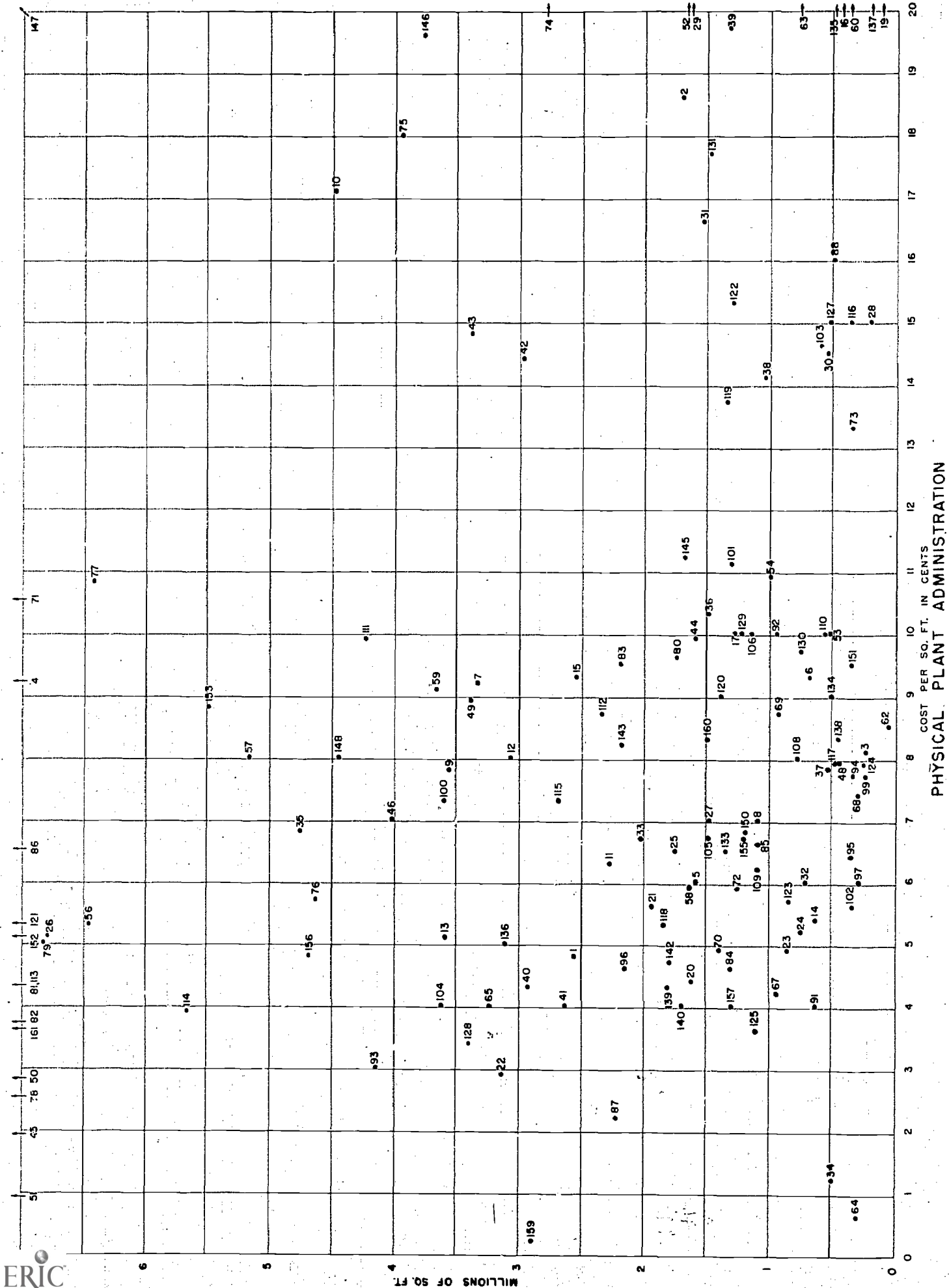
(SQUARE FEET IN THOUSANDS)

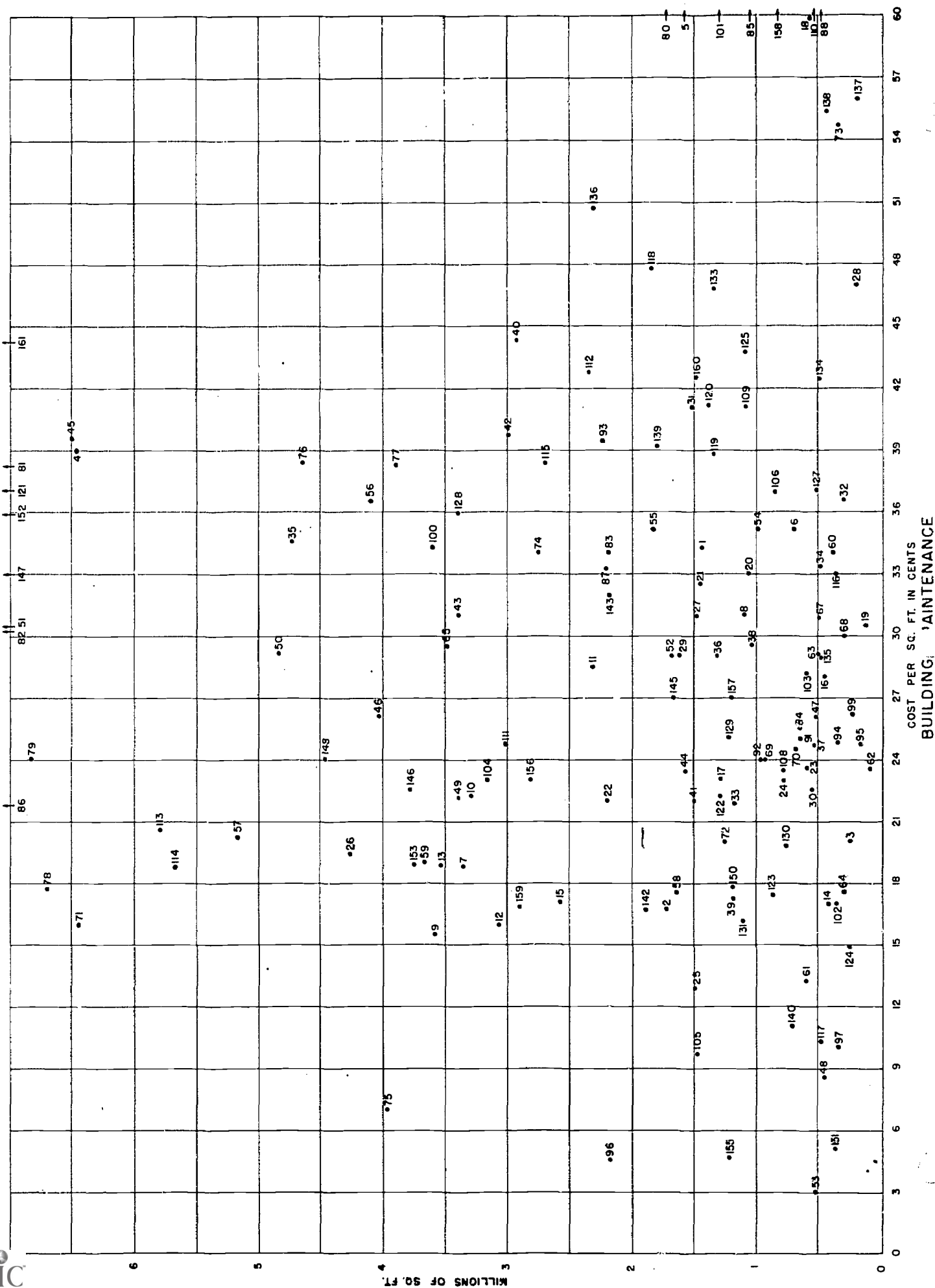
SCH FTEs NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY • EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2 4 6 M	CAMPUS AREA	
											GROSS AREA	INTEN MAINT
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)				
12067 049	3369 .089	3369 .221	3369 .364		3369 .574			3369 .024	152256	X X	574	356
12274 011	2285 .063	2285 .286	2285 .326		2285 .599	2285 .162		2285 .016	155396	X X	840	43
12379 083	2173 .095	2173 .300	2173 .380	3975 .012	2173 .420	12502 .020	3975 .070	3975 .053	1339800	X X	414	209
13588 085	1057 .066	1057 .627	1024 .600		1057 .450	.040	1057 .220		26500	X X X	64	56
13800 119	1333 .137	1333 .388	1333 .493	INCL. IN 8	1333 .413	1333 .189	1333 .263	INCL. IN 6	279249	X X	1338	286
14500 056	6450 .053	4079 .364	3230 .295	6450 .017	5692 .213	5781 .056	6450 .035	5781 .013	895680	X X	1678	592
14962 112	2329 .087	2329 .428	2329 .279		4550 .193	2329 .130	4550 .059	4550 .071	207600	X X	2113	650
15014 050	7388 .028	4806 .290	4126 .250	7388 .005	7388 .332	7338 .041	7338 .030	7338 .012	116500	X X	512	350
15211 118	1828 .053	1828 .477			1828 .499	1828 .073		1828 .018		X X	1255	495
15372 093	4247 .030	2218 .394	2218 .167	4247 .010	2218 .194	4247 .059	4247 .042	2218 .021	165276	X X	1871	390
15453 120	1360 .090	1360 .410	1360 .460		1360 .580	2385 .060	1360 .200	1360 .040		X X X	55	55
15795 009	3552 .078	3552 .155	3095 .286	3552 .005	3552 .244	3552 .039	3552 .054	3552 .031	105287	X X	414	111
15849 026	6771 .051	4229 .195	4229 .329		4229 .378	6771 .086	6771 .093	4229 .067	502550	X X	1435	604
16656 007	3336 .092	3336 .188	3336 .296	INCL. IN 2	3336 .255	3336 .092	3336 .082		103733	X X	2862	421
17500 040	2909 .043	2909 .442	2909 .384		2909 .447	2909 .104			300000	X X X	720	430
17679 114	5654 .039	5654 .188	2662 .456	5654 .013	5654 .329	5654 .095	5654 .061	5654 .040	266060	X X X	842	340
17738 057	5156 .080	5156 .201	5156 .474	5156 .005	5156 .400	5156 .064	5156 .054	5156 .074	1000000	X X	190	76
18975 111	4225 .099	3000 .247	3000 .401		3000 .448	1225 .119				X X	257	97
19000 042	2963 .144	2963 .398	2963 .390	2963 .012	2963 .840	2963 .073	2963 .317		193217	X X	115	92
19616 115	2672 .073	2672 .382	2672 .435	4853 .009	2672 .550	4853 .135	4853 .139	2672 .079	494173	X X	1339	373
21930 051	8232 .009	8232 .304	6638 .403		8232 .307	8232 .149		8232 .001	227940	X X	1282	566
22051 065	3230 .040	3484 .293	3230 .324	3664 .200	3664 .450	3664 .097	3664 .106			X X	350	175
26260 153	5476 .088	3742 .189	3742 .286	5476 .005	5476 .175	10934 .026	17947 .018	5476 .022	549359	X X	590	251
29000 004	7436 .092	6455 .388	4129 .506		7436 .641	7109 .095		7436 .076	1028000	X X	1350	700
31140 081	8141 .043	8141 .380	8141 .357	8141 .072	8141 .480	8141 .081	8141 .113	8141 .038		X X	655	655

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - MEDICAL

(SQUARE FEET IN THOUSANDS)

SCH FIES NUM	ADMINI- STRATION	BUILDING MAINTENANCE	CUSTODIAL SERVICES	SAFETY + EMPLOYEE TRAINING	UTILITIES	LANDSCAPE AND GROUNDS	TRAFFIC AND SECURITY	GENERAL SERVICES	MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM	CAMPUS AREA GROSS ACRES
	SOFT \$/SF (1)	SOFT \$/SF (2)	SOFT \$/SF (3)	SOFT \$/SF (4)	SOFT \$/SF (5)	SOFT \$/SF (6)	SOFT \$/SF (8)	SOFT \$/SF (9)	DOLLARS (7)	2 4 G M	AREA MAINT
470 018		567 .599	543 .473		556	567 .086	567 .456	567 .169	2111790	X	58
590 133	1317 .065	1317 .467	377 1.09		1317 .843	1317 .039	1317 .125	1317 .027	2000000	X	20
591 088	474 .160	474 .610	474 .510	474 .030	474 .890		474 .160	474 .040	1690222	X	5
1106 027	1474 .070	1474 .310	1474 .945	1474 .014	1474 .444	1474 .036	1474 .143	1474 .327	516263	X	177
1200 080	1715 .096	1715 .997	1174 .914	1715 .009	1715 .633	1715 .017	1715 .341		1333596	X	10
1415 157	1276 .040	1185 .270	977 .740		1277 .390	1185 .060	1298 .050		2500000	X	44
1917 101	1295 .111	1295 .610	1295 .385	1295 .013	1295 .299	1295 .040	1295 .047	1295 .134	186503	X	72
1918 160	1471 .083	1471 .425	1065 .408	1471 .006	1471 .323	1471 .026	1471 .156		1209000	X	127
3110 140	1677 .040	681 .110	681 .326	681 .055	1677 .298	1677 .045	1677 .068	1677 .067	407530	X	206
3739 020	1600 .044	1050 .330	1050 .260	1600 .002	1050 .230	1600 .070	1600 .060	1050 .070	1024000	X	450
3932 136	3100 .050	2290 .507	2150 .555		2290 .463				3000000	X	185
7961 044	1562 .099	1562 .233	1562 .262		1562 .358	1562 .076			139065	X	96
8445 045	7647 .019	6481 .395	4554 .339		7647 .477	6400 .039		6414 .039	3000000	X	175
9597 131	1468 .177	1072 .161	1017 .717	1468 .014	1129 .618	4225 .024	146 .322		387102	X	97
9930 074	2796 .230	2717 .340	2660 .420	INCL. IN 8	2717 .410	2796 .090	2796 .110	2796 .170	4000000	X	423
11500 059	3654 .091	3654 .190	3654 .293		3654 .407	3654 .104	3654 .020	3654 .010	102132	X	8500
12245 104	3600 .040	3140 .230	3140 .420	3140 .020	3140 .380	3350 .060	3600 .060	3600 .090	4000000	X	600
15075 156	4666 .048	2795 .229	2698 .174		3048 .380	4089 .042	4666 .056		1040000	X	340
15545 035	4755 .068	4755 .346	3186 .386	4755 .065	4755 .181	4755 .135	4755 .091	4745 .060	1450000	X	3776
15659 010	4497 .171	3259 .222	3259 .400	3259 .006	3259 .307	3259 .058	3259 .035	4497 .034	2460000	X	1020
17646 148	4448 .080	4448 .240	4448 .300		4448 .250				600	X	85
17722 055		1814 .351	1814 .337		1814 .363				818725	X	926
18193 029	1611 .260	1611 .290	1611 .470		1611 .550	1611 .240	1611 .260		108650	X	1660
19982 013	3509 .051	3509 .188	2763 .310	3509 .007	3509 .274	3509 .055		3509 .048	39166	X	303
20000 043	3375 .148	3375 .310	3375 .498		3375 .413	3375 .081	3375 .108	3375 .084	27492	X	148
20349 128	3382 .034	3382 .358	3382 .366	3382 .004	3382 .526			INCL. IN 6	136097	X	2859
20560 046	4013 .070	4013 .260	2400 .750	4013 .020	3506 .320	4013 .080	3644 .170	4013 .130	2650000	X	1700
22101 077	6408 .108	3892 .381	3924 .460	3892 .010	6156 .602	6296 .009	6366 .148	3892 .033	796011	X	1200
24585 076	4620 .057	4620 .383	4620 .589	INCL. IN 8	4620 .825	4620 .077	4620 .158	4620 .146	470357	X	175
24935 100	3596 .073	3596 .343	3596 .453	7625 .009	3596 .481	7625 .138	7625 .082	7625 .026	47072	X	1750
24942 071	10994 .105	6436 .160	5493 .420		10994 .291	17424 .026			1500000	X	4936
26119 147	7159 .258	7089 .329	5990 .460	7159 .047	7089 .601	7089 .070	7159 .125	7159 .035	1992000	X	128
29661 079	6806 .050	6806 .240	6806 .326		6806 .460	6806 .114		6806 .028	268042	X	303
30106 078	11875 .025	6699 .177	5890 .312		11834 .348	11875 .044		11875 .057	269792	X	1935
34000 086	11275 .065	10247 .217	9072 .434	11272 .014	10247 .460		11275 .867	11275 .372	1500000	X	2908
34500 152	10855 .051	7444 .358	7019 .329	10855 .007	9180 .265	10855 .042	10855 .084	10855 .019		X	630
34620 121	8242 .053	8242 .370	8003 .403		12532 .450				1424302	X	2540
40008 082	7722 .037	7766 .302	7038 .303		13389 .332	15482 .079	15482 .059		464050	X	5208
41220 161	8992 .036	8992 .432	8992 .340		8992 .380	8992 .044		8992 .027	1108024	X	1054

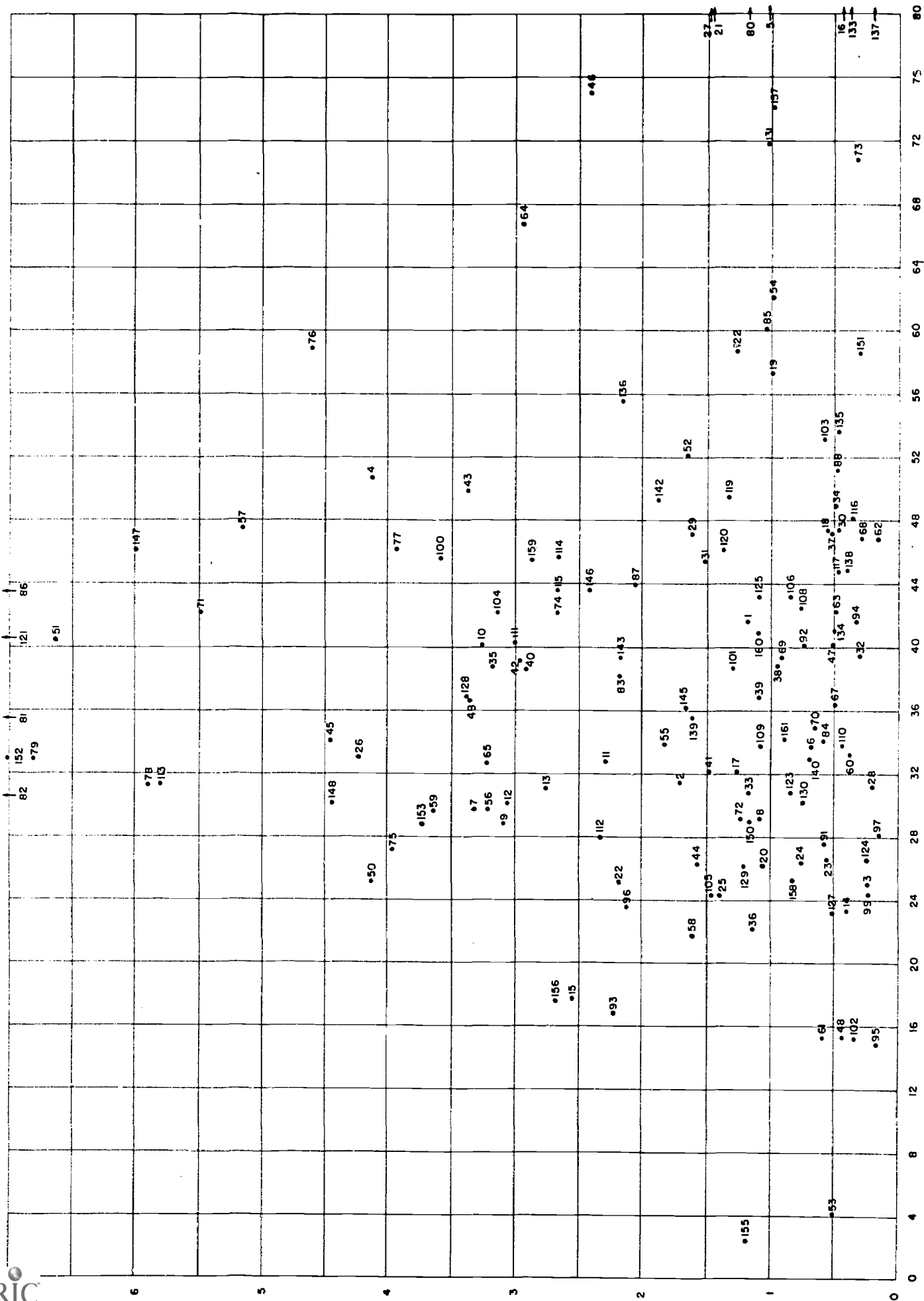


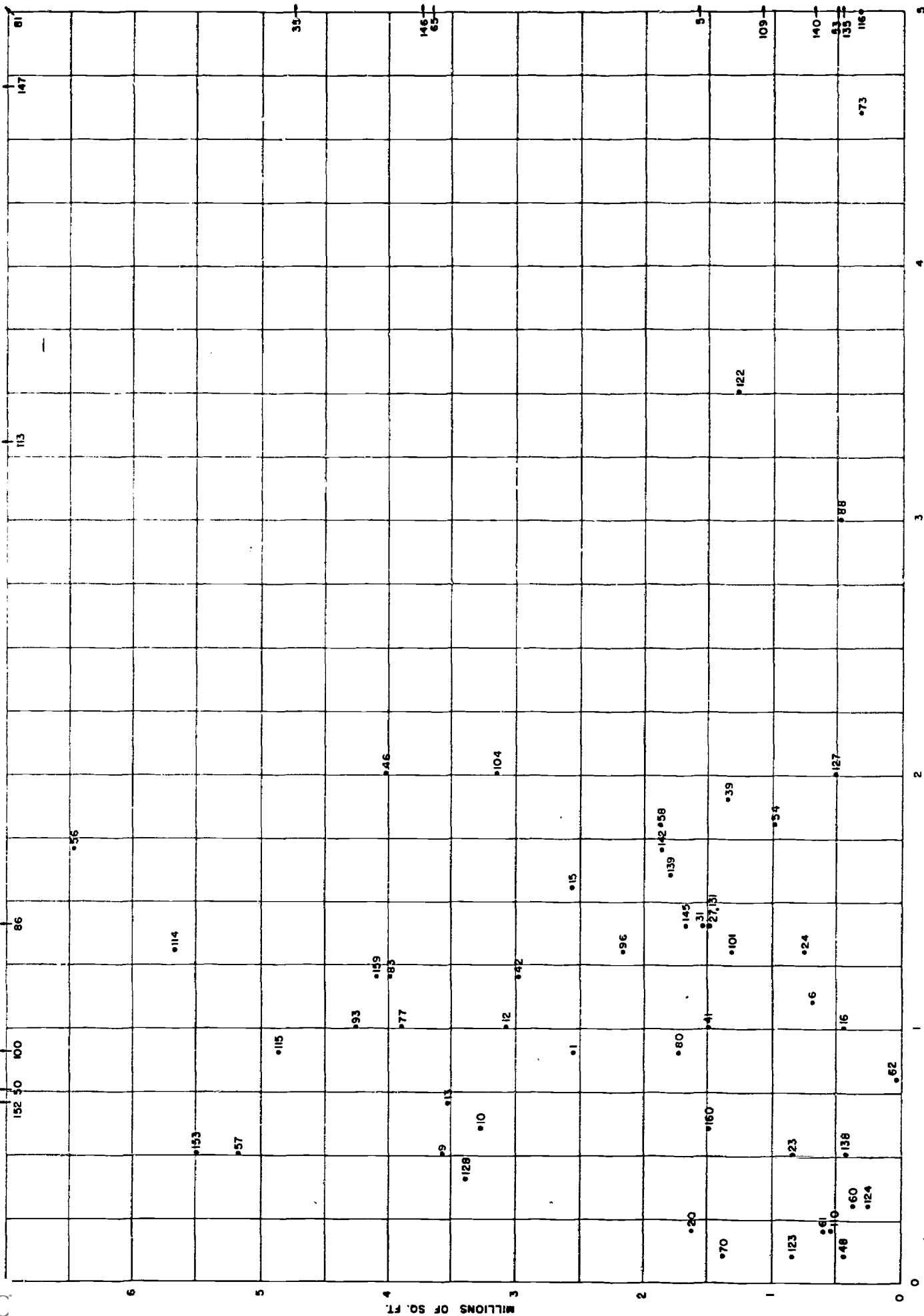


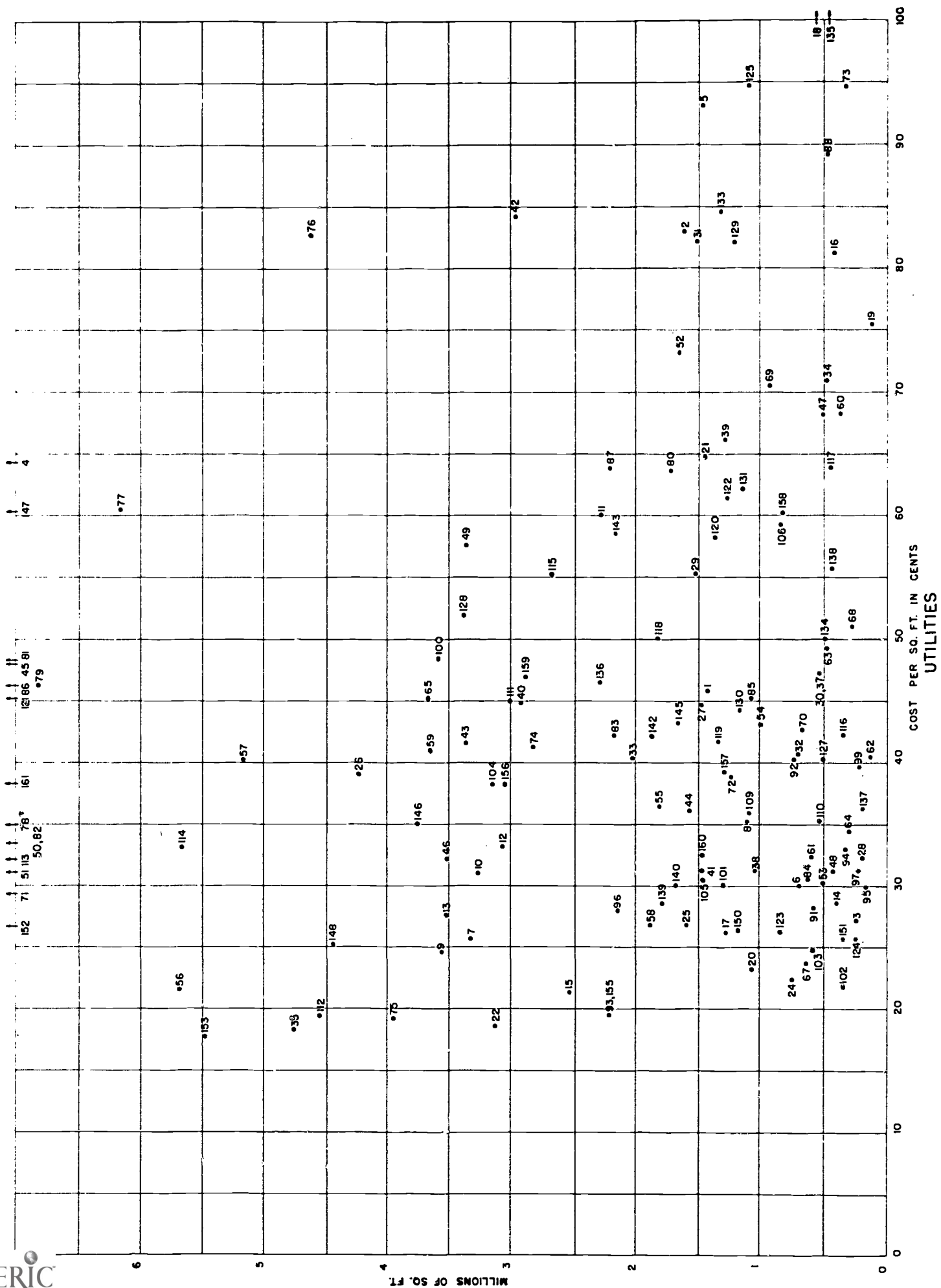
MILLIONS OF SQ. FT.

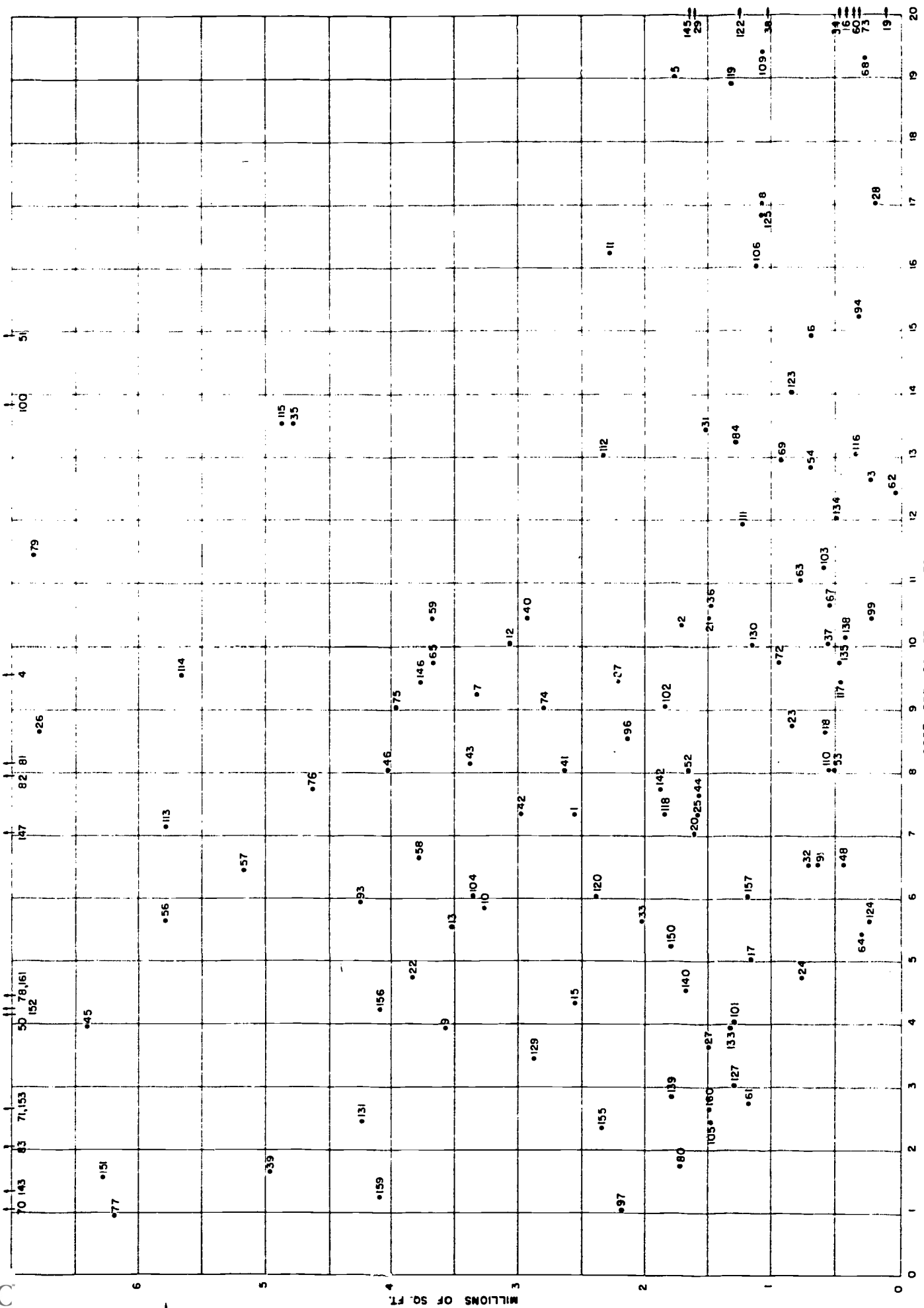
COST PER SQ. FT. IN CENTS

CUSTODIAL SERVICES

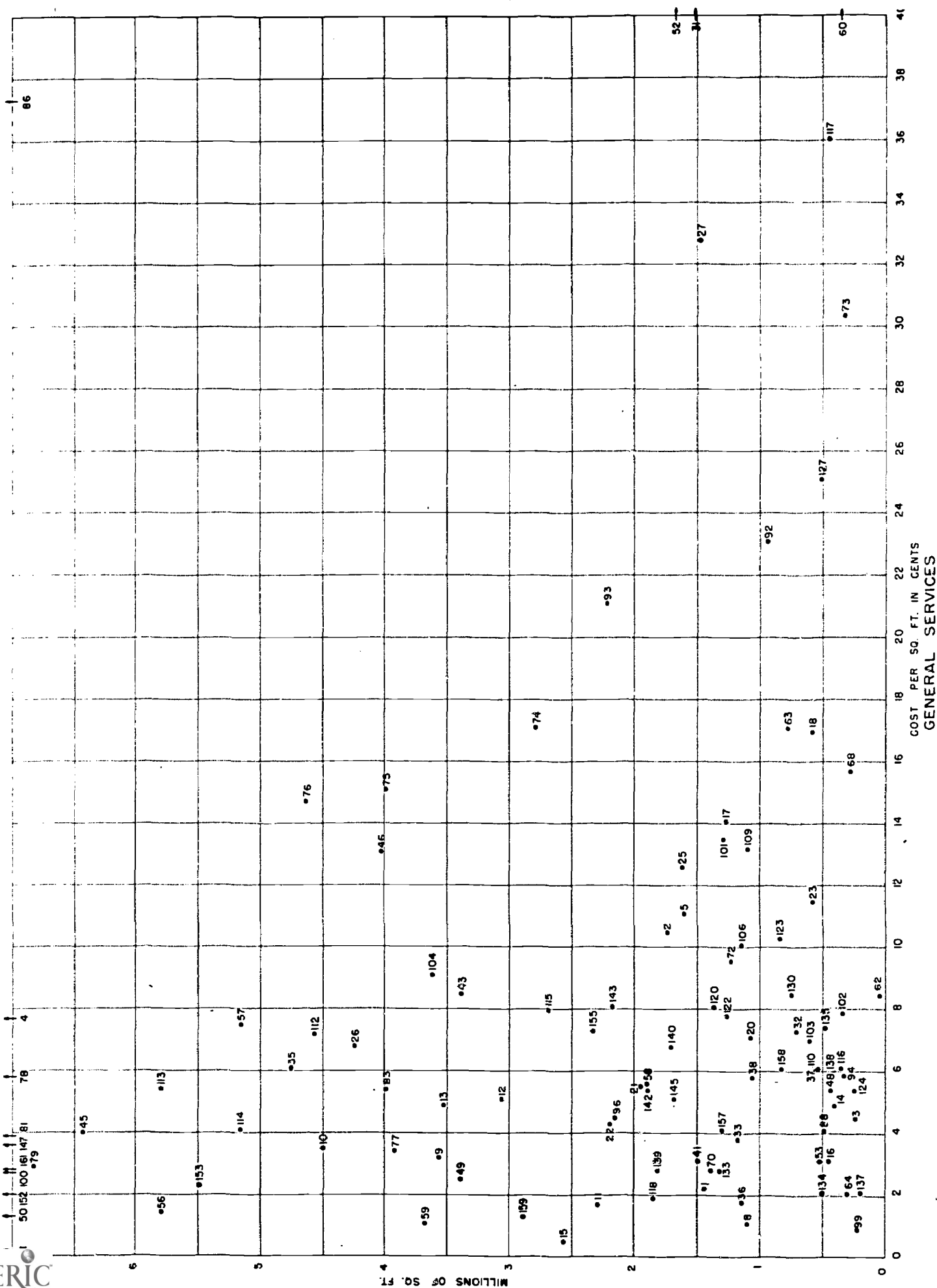


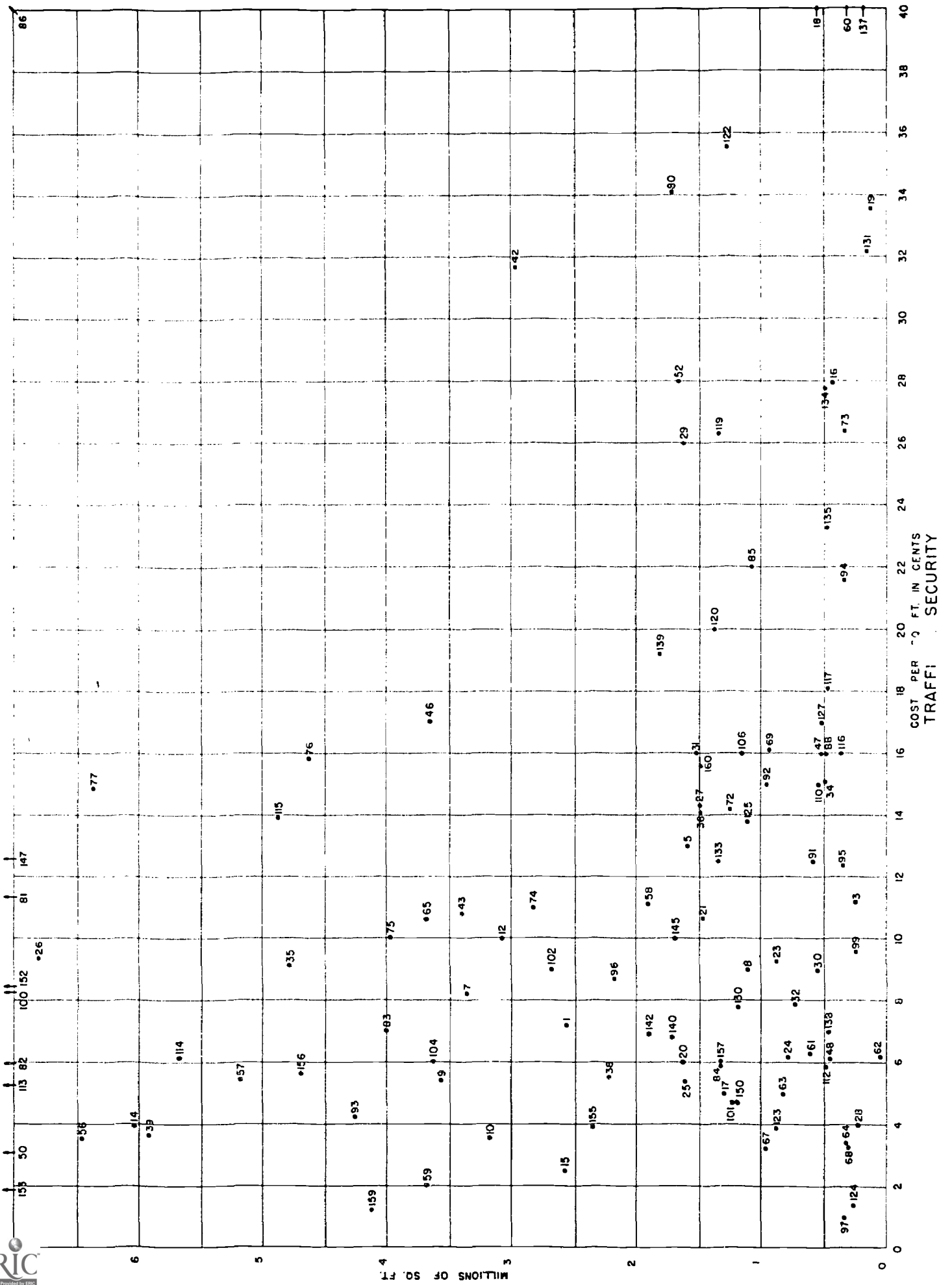






LANDSCAPE & C JNDS MAINTENANCE





WAGE RATES SUMMARY - ALL SCHOOLS

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE										24000 TO 28000	28000 AND OVER
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000		
CHIEF PHYSICAL PLANT ADMIN.	151						3	7	23	37	45	26	10
ASSOCIATE ADMIN.	70					1	5	12	20	15	12	5	
ASSISTANT ADMIN.	91			1	2	3	10	27	22	14	6	5	1
PRINCIPAL PLANNER	52					1	4	6	14	17	7	2	1
PRINCIPAL CONSTR. ENGINEER	59						4	13	21	13	6	1	1
CHIEF ENGRS. (MECH. ELEC. CIVIL)	77				1		4	22	27	17	6		
UTILITY OR POWER PLANT SUPT.	119		1		1	9	29	38	26	10	5		
SHOP SUPT. (MAINT.)	127				2	10	31	41	27	12	4		
CUSTODIAL SUPT.	134		1	4	8	20	30	46	17	5	3		
GROUPS SUPT.	136			3	15	11	39	43	17	6	2		
SKILLED TRADES SUPERVISOR	121			2	5	21	42	30	14	5	2		
CUSTODIAL SUPERVISOR	138	2	7	25	23	30	40	8	3				
POWER PLANT EQUIP. OPERATORS	117	1	3	15	20	29	31	14	4				
SKILLED TRADES (PLUMBER, ELEC. ETC.)	146		2	8	27	38	40	17	6	8			
SKILLED GARDENERS	129	7	21	29	34	24	11	2	1				
CUSTODIANS	151	38	28	45	28	10	2						
SKILLED LABOR	124	10	25	28	26	21	5	6	2	1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 71 NO 84

PERCENTAGE MARKUP: 1-10% 19 11-20% 27 21-35% 14 36% 11

WAGE RATES - MIDWEST REGION
(WAGE RATES SHOWN IN THOUSANDS)

=

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPT	CUST SUPT	UTIL OPER	SKILL TRADE GARD	SKILL CUST	SKILL LAHOR	MARKUP PCT
980	19	14-17					9-11		11-14	9-11	11-14		8-9	8-9	8-9	6-7	8-9	
1024	3	14-17					9-11	8-9	8-9	7-8	7-8		7-8	7-8	7-8	6-7	6-7	
1150	32	14-17	9-11	8-9					7-8	8-9	9-11		7-8	6-7	7-8	5-6	8-9	
1467	61	14-17							7-8	8-9	9-11		8-9	7-8	7-8	5-6	6-7	
1543	124	11-14							14-17	11-14	9-11		8-9	7-8	7-8	7-8	6-7	
2131	62	20-24							11-14	11-14	11-14		8-9	7-8	7-8	6-7	6-7	
2267	63	20-24	17-20	14-17					11-14	11-14	11-14		8-9	7-8	7-8	6-7	6-7	
2402	64	17-20							9-11	8-9			8-9	7-8	7-8	6-7	6-7	
2627	67	14-17		8-9					11-14	11-14	8-9	11-14		8-9	7-8	6-7	6-7	35
3009	151	17-20							11-14	9-11	8-9		8-9	7-8	7-8	6-7	6-7	
3500	68	17-20							9-11	9-11	8-9		8-9	7-8	7-8	6-7	6-7	
3657	69	20-24	14-17				14-17	9-11	9-11	17-20	17-20		9-11	8-9	8-9	7-8	7-8	62
3692	149	20-24	17-20				17-20	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	
3782	70	11-14					14-17	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	
4115	117	14-17		9-11					14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	
4500	37	20-24	14-17	14-17			14-17	9-11	9-11	11-14	11-14		9-11	8-9	8-9	7-8	7-8	
5100	16	17-20	14-17						9-11	9-11	9-11		9-11	8-9	8-9	7-8	7-8	
5300	34	14-17					14-17	9-11	9-11	17-20	17-20		9-11	8-9	8-9	7-8	7-8	
5376	33	24-28					17-20	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	
6500	21	17-20		9-11			14-17	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	11
8175	31												9-11	8-9	8-9	7-8	7-8	20
8445	45	28+											9-11	8-9	8-9	7-8	7-8	21
8677	125	17-20											9-11	8-9	8-9	7-8	7-8	50
9090	72	20-24											9-11	8-9	8-9	7-8	7-8	10
9423	122	20-24	14-17	14-17	14-17	14-17	14-17	17-20	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	20
9930	74	24-28	20-24	14-17	14-17	20-24	17-20	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	7
13588	85	17-20	11-14				11-14	11-14	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	
13800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	
15211	118	24-28	14-17	14-17					11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	
15453	120	17-20							11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	19
15659	10	28+		24-28	17-20		14-17	11-14	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	10
17500	40	24-28	14-17	14-17	14-17	11-14	17-20	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	10
17646	148	24-28	17-20				17-20	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	10
17679	114	20-24	20-24				14-17	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	15
17722	55	20-24	17-20				14-17	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	
18975	111	20-24		14-17	14-17		14-17	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	
19000	42	28+	20-24	17-20	20-24		17-20	20-24	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	
20000	43	24-28	20-24	17-20	17-20	17-20	14-17	11-14	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	10
20349	128	20-24	17-20				14-17	11-14	17-20	14-17	14-17		9-11	8-9	8-9	7-8	7-8	20
24585	76	24-28	20-24	17-20			17-20	20-24	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	20
27507	113	28+	24-28				17-20	20-24	11-14	11-14	11-14		9-11	8-9	8-9	7-8	7-8	
30106	78	20-24	14-17	17-20	14-17	17-20	14-17	11-14	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	17
31140	81	24-28	24-28	24-28	17-20	17-20	20-24	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	20
34000	86	28+	20-24				17-20	14-17	14-17	14-17	14-17		9-11	8-9	8-9	7-8	7-8	13
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	27
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	
41220	161	28+		20-24	20-24	17-20	17-20	17-20	17-20	17-20	17-20		9-11	8-9	8-9	7-8	7-8	

WAGE RATES SUMMARY - MIDWEST REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	46							2	7	8	13	9	7
ASSOCIATE ADMIN.	21						1		5	6	7	2	
ASSISTANT ADMIN.	26					2	3	2	10	5	2	2	
PRINCIPAL PLANNER	18							2	6	8	1	1	
PRINCIPAL CONSTR. ENGINEER	17						1	2	5	6	3		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	27						2	5	10	9	1		
UTILITY OR POWER PLANT SUPT.	36						1	7	9	7	3		
SHOP SUPT. (MAINT.)	38					1	1	9	7	10	7	3	
CUSTODIAL SUPT.	40					1	3	5	18	7	4	2	
GROUNDS SUPT.	41					1	2	15	11	7	4	1	
SKILLED TRADES SUPERVISOR	32					1	1	10	7	8	4	1	
CUSTODIAL SUPERVISOR	41			2	4	11	17	6	1				
POWER PLANT EQUIP. OPERATORS	37			1	3	12	11	8	2				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	42			1	3	10	9	8	5	6			
SKILLED GARDENERS	37		1	3	13	13	6	1					
CUSTODIANS	46		6	14	16	9	1						
SKILLED LABOR	35		1	8	9	8	2	5	1	1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 19 NO 28

PERCENTAGE MARKUP: 1-10% 4 11-20% 10 21-35% 3 36+% 2

WAGE RATES - EASTERN REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPT	SKILL TRADE SUPT	CUST SUPT	UTIL EQUIP OPER	SKILL TRADE SUPT	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
350	66	14-17	14-17	11-14				9-11	8-9	8-9	8-9	9-11	6-7	6-7	6-7	9-11	5-6	5-6	5-6	24
591	88	20-24	14-17	11-14																
596	89	9-11	8-9																	
725	90	17-20						11-14	11-14	8-9	9-11	8-9	6-7	6-7	7-8	7-8	6-7	5-6	7-8	
1193	84	20-24	11-14		20-24				9-11	8-9	9-11				7-8	9-11	7-8	0-5	6-7	
1200	47	17-20		11-14											6-7	9-11	7-8	6-7	7-8	
1200	53	14-17	11-14					8-9	9-11	14-17	17-20	9-11	14-17	9-11	6-7	8-9	9-11	6-7	6-7	
1200	80		24-28	24-28	20-24	17-20	17-20	9-11	9-11	9-11	9-11	8-9	8-9	7-8	7-8	8-9	6-7	6-7	7-8	
1200	91	11-14																		
1238	95	11-14		8-9		9-11														
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	8-9	7-8	7-8		5-6	7-8	0-5	5-6	
1550	123	14-17	11-14					8-9	8-9	7-8	7-8					6-7	6-7	0-5	7-8	
1625	126	14-17							8-9											
2293	138	17-20					14-17	11-14	11-14	9-11	9-11	8-9	7-8	7-8	7-8	7-8	6-7	6-7	7-8	10
2480	150	20-24		11-14					8-9	8-9	8-9	7-8	6-7	6-7	7-8	6-7	6-7	5-6	5-6	20
3300	127	17-20	9-11					7-8		9-11		8-9			6-7	7-8	6-7	5-6	7-8	
3310	134	20-24	17-20					14-17			9-11	11-14			8-9	8-9	7-8			15
3932	136	17-20		14-17	14-17	14-17	14-17	11-14	11-14	11-14					8-9	8-9	6-7	6-7	6-7	58
4380	137	20-24	14-17	11-14					11-14	11-14					8-9	8-9	6-7	6-7	7-8	
4440	73	20-24		9-11				9-11	8-9	8-9	7-8	8-9	7-8	7-8	7-8	7-8	6-7	5-6	7-8	
4625	141	20-24	14-17	11-14				9-11	9-11	8-9	11-14	8-9	7-8	7-8	6-7	6-7	5-6	0-5	0-5	
5195	142	17-20		14-17				11-14	11-14	9-11	9-11	11-14	9-11	9-11	9-11	9-11	7-8	7-8	8-9	
6854	139	17-20	17-20			14-17		11-14	11-14	14-17	14-17	11-14	11-14	11-14	9-11	9-11	8-9	6-7	6-7	15
7014	143	20-24				14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	8-9	7-8	7-8	7-8	
8044	144	24-28			14-17			14-17	11-14	9-11	9-11	11-14	9-11	9-11	9-11	8-9	6-7	6-7	7-8	10
8830	145	17-20						14-17	11-14	9-11	9-11	11-14	9-11	8-9	7-8	7-8	6-7	6-7	7-8	40
11200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	11-14	11-14	11-14	11-14	11-14	8-9	8-9	8-9	12
11390	159	24-28	20-24			14-17	17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	8-9	7-8	8-9	
11931	146	20-24		11-14	17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	7-8	8-9	35
12245	104	20-24	11-14					9-11	9-11	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	5-6	5-6	
13663	87	24-28	14-17					9-11	9-11	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	5-6	5-6	
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	5-6	5-6	
20560	46	24-28	20-24	11-14	14-17			14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	11-14	8-9	6-7	7-8	12
21930	51	24-28	20-24	20-24			17-20	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	7-8	7-8	17
24942	71		24-28	24-28	24-28	24-28	20-24	14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	11-14	8-9	5-6	5-6	
29000	4	28*	24-28	20-24	20-24		14-17	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	7-8	5-6	0-5	

WAGE RATES SUMMARY - EASTERN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	34						1	2	4	9	11	6	1
ASSOCIATE ADMIN.	18					1	1	4	4	1	4	3	
ASSISTANT ADMIN.	21					1	3	9	3	1	2	2	
PRINCIPAL PLANNER	9						1		3	1	3	1	
PRINCIPAL CONSTR. ENGINEER	12						1	2	6	2		1	
CHIEF ENGRS. (MECH, ELEC, CIVIL)	13							3	5	4	1		
UTILITY OR POWER PLANT SUPT.	27				1	2	8	9	8	1			
SHOP SUPT. (MAINT.)	28				1	4	7	10	5	1			
CUSTODIAL SUPT.	29		1		1	5	9	8	5				
GROUPS SUPT.	27			1	2	2	9	11	1	1			
SKILLED TRADES SUPERVISOR	24				1	8	9	6					
CUSTODIAL SUPERVISOR	31		2	8	5	7	6	2	1--				
POWER PLANT EQUIP. OPERATORS	26			5	8	4	7	2					
SKILLED TRADES (PLUMBER,ELEC,ETC.)	32		1	3	7	9	10	2					
SKILLED GARDENERS	25		3	10	8	3	1						
CUSTODIANS	33	5	10	13	4	1							
SKILLED LABOR	32	2	5	8	11	6							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 12 NO 24

PERCENTAGE MARKUP: 1-10% 2 11-20% 6 21-35% 2 36+% 2

WAGE RATES - SOUTHEASTERN REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL SUPVR	TRADE SUPVR	EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
426	97	9-11		6-7				5-6	8-9	7-8	6-7			5-6	7-8		0-5		10
750	98	11-14						8-9	9-11	6-7	8-9				7-8		5-6	5-6	
958	99	14-17						14-17	11-14	8-9	6-7	14-17			7-8		0-5	6-7	
1917	101	20-24	17-20	17-20	14-17	9-11		8-9	9-11	8-9	9-11	8-9	9-11	8-9	7-8	8-9	0-5	5-6	
1918	160	20-24	9-11					8-9	9-11	8-9	8-9	8-9	8-9	7-8	8-9	7-8	6-7	7-8	
2066	94	14-17						9-11	11-14	11-14	9-11	8-9	8-9	7-8	8-9	5-6	0-5	5-6	
2601	102	14-17		11-14	11-14	11-14	9-11	8-9	8-9	7-8	8-9	7-8	8-9	6-7	6-7	0-5	0-5	5-6	10
3110	140	14-17		11-14	11-14			8-9	11-14	9-11	11-14	8-9	8-9	5-6	7-8	6-7	0-5	6-7	
3739	20	17-20	11-14					8-9	11-14	9-11	11-14	8-9	8-9	6-7	8-9	5-6	0-5	5-6	
4147	193	20-24		14-17				11-14	11-14	9-11	11-14	8-9	8-9	7-8	8-9	5-6	0-5	5-6	44
4174	60	14-17		11-14	20-24	14-17		9-11	11-14	8-9	7-8	9-11	9-11	6-7	8-9	0-5	0-5	5-6	
4214	105	14-17						14-17	9-11	9-11	7-8	9-11	9-11	7-8	9-11	8-9	0-5	0-5	20
4757	106	20-24		14-17		9-11		9-11	14-17	11-14	11-14	9-11	9-11	7-8	8-9	5-6	5-6	5-6	
5979	107	17-20						9-11	9-11	6-7	7-8	8-9	8-9	5-6	6-7	5-6	0-5	5-6	
6056	155	17-20		11-14				9-11	9-11	8-9	9-11	8-9	8-9	6-7	7-8	0-5	0-5	0-5	
6743	108	17-20		11-14				11-14	11-14	11-14	11-14	11-14	11-14	6-7	7-8	5-6	0-5	5-6	13
7804	109	24-28	14-17	11-14	17-20	17-20	17-20	11-14	11-14	11-14	11-14	11-14	11-14	8-9	9-11	5-6	0-5	5-6	18
7961	44	17-20	14-17					11-14	11-14	11-14	11-14	9-11	9-11	6-7	8-9	5-6	0-5	5-6	
8226	96	24-28	17-20	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11	9-11	8-9	9-11	5-6	0-5	5-6	
9100	110	17-20	14-17					9-11	9-11	9-11	9-11	9-11	9-11	8-9	9-11	6-7	0-5	5-6	
12067	49	24-28	14-17	14-17		17-20	14-17	11-14	11-14	11-14	14-17	11-14	11-14	8-9	9-11	6-7	5-6	5-6	
15372	93	20-24		11-14		14-17	17-20	14-17	11-14	11-14	14-17	9-11	9-11	7-8	7-8	6-7	0-5	5-6	
15849	26							14-17	14-17	14-17	14-17	9-11	9-11	8-9	8-9	7-8	0-5	5-6	
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	9-11	8-9	9-11	5-6	0-5	5-6	65
24935	100	20-24		14-17				14-17	11-14	11-14	11-14	9-11	9-11	8-9	9-11	5-6	5-6	5-6	60

WAGE RATES SUMMARY - SOUTHEASTERN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE									
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 10000	10000 TO 11000	11000 TO 12000	12000 TO 13000	13000 TO 14000
CHIEF PHYSICAL PLANT ADMIN.	24						1	1	6	6	4
ASSOCIATE ADMIN.	9						1	1	5	2	
ASSISTANT ADMIN.	15		1				1	7	4	2	
PRINCIPAL PLANNER	6							1	2	2	1
PRINCIPAL CONSTR. ENGINEER	11						2	3	4	2	
CHIEF ENGRS. (MECH, ELEC, CIVIL)	9						1	3	3	2	
UTILITY OR POWER PLANT SUPT.	21	1				4	6	6	4		
SHOP SUPT. (MAINT.)	23					2	7	11	3		
CUSTODIAL SUPT.	25			2	3	5	6	7	2		
GROUNDS SUPT.	25			2	5	3	5	7	3		
SKILLED TRADES SUPERVISOR	22				1	8	10	2	1		
CUSTODIAL SUPERVISOR	22		3	5	8	3	3				
POWER PLANT EQUIP. OPERATORS	17	1	2	4	3	6	1				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	25			2	8	9	6				
SKILLED GARDENERS	22	3	11	3	2	3					
CUSTODIANS	25	19	4	2							
SKILLED LABOR	20	4	12	2	1	1					

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 8 NO 17

PERCENTAGE MARKUP: 1-10% 2 11-20% 3 21-35% 0 36+% 3

WAGE RATES - CENTRAL REGION
(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPT	CUST SUPT	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST LABOR	SKILL LABOR	MARKUP PCT
470	18	17-20	14-17	14-17		11-14		9-11	9-11	9-11	9-11	9-11	6-7	6-7	8-9	0-5	0-5	0-5	5
590	133	20-24	11-14							9-11	9-11	9-11	8-9	8-9	9-11	6-7	6-7	6-7	25
785	135	20-24	11-14		9-11			9-11	11-14	9-11	8-9	9-11	6-7	8-9	7-8	0-5	0-5		15
1415	157	17-20	14-17	9-11		11-14	11-14	8-9		9-11	8-9	9-11	6-7	8-9	9-11	7-8	0-5	5-6	45
2275	48	11-14	9-11							6-7	7-8	6-7	0-5	6-7	7-8	0-5	0-5	0-5	16
2303	14	14-17	11-14					9-11		8-9	7-8	9-11	6-7	7-8	8-9	6-7	5-6		
4569	39	20-24	14-17	9-11		11-14	11-14	11-14	11-14	9-11	9-11	9-11	0-5	7-8	9-11	6-7	6-7	6-7	
5466	23	17-20		7-8		11-14	11-14		8-9	7-8	7-8	6-7	0-5	5-6	5-6	0-5	0-5	5-6	5
6042	130	14-17				11-14	11-14	9-11	9-11	6-7	9-11	8-9	7-8	6-7	7-8	5-6	5-6	5-6	
6386	132	17-20		14-17			9-11				9-11	8-9	9-11	6-7	7-8	5-6	0-5		
9248	54	14-17	11-14	11-14			11-14		9-11	8-9	7-8	9-11	5-6	7-8	8-9	6-7	6-7	6-7	12
9261	158	14-17	11-14	11-14	8-9				9-11	8-9	8-9	8-5	6-7	7-8	7-8	7-8	0-5	5-6	8
9278	41	17-20	14-17	11-14				9-11	9-11	8-9	7-8	9-11	6-7	7-8	6-7	7-8	0-5	0-5	
9297	129	20-24	17-20	11-14		11-14	11-14				9-11	8-9	9-11	7-8	7-8	7-8	0-5	0-5	
9428	58	17-20		9-11					11-14	11-14		9-11	9-11	7-8	8-9	6-7	0-5	0-5	5
9500	36	17-20		11-14	9-11				11-14	11-14		9-11	8-9	7-8	8-9	6-7	0-5	0-5	19
9597	131	20-24	9-11		14-17	14-17	11-14		11-14	11-14	9-11	11-14	8-9	7-8	8-9	6-7	0-5	0-5	20
15014	50	20-24	17-20	17-20			14-17	11-14	14-17	11-14	14-17	11-14	8-9	8-9	9-11	5-6	0-5	5-6	19
15075	156	17-20	17-20	11-14			11-14	11-14	11-14	8-9	11-14	8-9	6-7	6-7	6-7	6-7	0-5	5-6	22
16951	154	17-20	17-20	17-20			11-14	11-14	11-14	9-11	14-17	7-8	5-6	6-7	7-8	6-7	0-5	5-6	21
22051	65	20-24		11-14		14-17	14-17	14-17	14-17	11-14	14-17	11-14	9-11	9-11	9-11	5-6	5-6	5-6	10

WAGE RATES SUMMARY - CENTRAL REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	21							1	4	9	7		
ASSOCIATE ADMIN.	14							2	4	4			
ASSISTANT ADMIN.	15				1			3	6	3	2		
PRINCIPAL PLANNER	4					1		2		1			
PRINCIPAL CONSTR. ENGINEER	5								4	1			
CHIEF ENGRS. (MECH. ELEC. CIVIL)	9							1	7	1			
UTILITY OR POWER PLANT SUPT.	12					1		5	4	2			
SHOP SUPT. (MAINT.)	16							1	7	6	2		
CUSTODIAL SUPT.	17				2	1		5	6	3			
GROUNDS SUPT.	17					4		3	6	1	3		
SKILLED TRADES SUPERVISOR	19				2	1		4	9	3			
CUSTODIAL SUPERVISOR	21	2	2	8	2			4	3				
POWER PLANT EQUIP. OPERATORS	15		1	4	5	3		3	2				
SKILLED TRADES (PLUMBER-ELEC-ETC.)	21		1	2	8	4		4	6				
SKILLED GARDENERS	19	4	5	7	3								
CUSTODIANS	21	14	4	3									
SKILLED LABOR	16	4	7	5									

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 15 NO 6

PERCENTAGE MARKUP: 1-10% 5 11-20% 6 21-35% 3 36% 1

WAGE RATES - ROCKY MOUNTAIN REGION
(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE		CUST SUPVR	UTIL EQUIP		SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
												GRNDS SUPT	TRADE		SUPVR	OPER	TRADE				
1106	27	20-24		11-14	17-20	20-24		14-17	14-17	14-17	7-8	14-17	11-14	9-11	9-11	9-11	11-14	6-7	6-7	8-9	8
1200	28	9-11		7-8			7-8	8-9	8-9	8-9	8-9	8-9	8-9	6-7	6-7	8-9	8-9	6-7	6-7	6-7	
1306	30	20-24			14-17	14-17	11-14	9-11	8-9	7-8	7-8	7-8	8-9	6-7	6-7	8-9	8-9	6-7	5-6	6-7	
2741	24	14-17	11-14							7-8	7-8	11-14	8-9	6-7	6-7	9-11	8-9	6-7	6-7	6-7	
5300	92	14-17						11-14	11-14	14-17	11-14	11-14	9-11	9-11	9-11	9-11	9-11	6-7	6-7	7-8	
8102	25	20-24		14-17	17-20	11-14	14-17	9-11	11-14	11-14	9-11	11-14	9-11	8-9	9-11	9-11	9-11	6-7	5-6	6-7	35
8546	22	17-20				14-17	14-17	11-14	14-17	11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	7-8	5-6	6-7	24
8547	17	20-24		14-17	11-14		11-14	11-14	14-17	11-14	11-14	11-14	11-14	9-11	9-11	7-8	7-8	5-6	5-6	8-9	10
8763	15	17-20	11-14	11-14	17-20		14-17	11-14	14-17	11-14	11-14	14-17	11-14	9-11	9-11	11-14	11-14	7-8	5-6	8-9	10
10056	12	20-24		17-20	17-20	14-17	14-17	11-14	14-17	9-11	14-17	14-17	11-14	9-11	9-11	11-14	11-14	7-8	5-6	8-9	10
11555	8	17-20	14-17	11-14				11-14	11-14	11-14	9-11	11-14	11-14	9-11	9-11	9-11	9-11	7-8	7-8	8-9	35
16656	7	24-28		17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	11-14	11-14	8-9	8-9	8-9	8-9	7-8	6-7	7-8	
26260	153	28*		28*	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	11-14	8-9	8-9	8-9	8-9	7-8	6-7	6-7	

WAGE RATES SUMMARY - ROCKY MOUNTAIN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE										20000 TO 24000	24000 TO 28000	28000 AND OVER
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000			
CHIEF PHYSICAL PLANT ADMIN.	13						1		2	3	5	1	1	
ASSOCIATE ADMIN.	3							2	1					
ASSISTANT ADMIN.	8			1				3	1	2				1
PRINCIPAL PLANNER	8							2	1	5				
PRINCIPAL CONSTR. ENGINEER	7							1	3	2	1			
CHIEF ENGRS. (MECH, ELEC, CIVIL)	9				1			2	6					
UTILITY DR POWER PLANT SUPT.	10					1	2	6	1					
SHOP SUPT. (MAINT.)	10					2		5	3					
CUSTODIAL SUPT.	11				2	1	3	3	2					
GROUPS SUPT.	13				3	1	3	5	1					
SKILLED TRADES SUPERVISOR	12				1		2	7	2					
CUSTODIAL SUPERVISOR	11			2	1	3	5							
POWER PLANT EQUIP. OPERATORS	10				1	2	6	1						
SKILLED TRADES (PLUMBER, ELEC, ETC.)	13				1	4	6	2						
SKILLED GARDENERS	13		1	6	5		1							
CUSTODIANS	13		4	7	2									
SKILLED LABOR	9			4	2	3								

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 7 NO 6

PERCENTAGE MARKUP: 1-10% 4 11-20% 0 21-35% 3 36+% 0

WAGE RATES - WEST COAST REGION
(WAGE RATES SHOWN IN THOUSANDS)

FIES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPTR	SKILL TRADE GARD	CUST	SKILL LABOR	MARKUP PCT
1515	2	24-28			20-24		20-24	11-14	14-17	11-14	11-14	11-14	9-11	11-14	11-14	9-11	7-8	32
2629	5	28+			28+	28+	20-24	20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	9-11	32
4333	1	17-20	14-17					9-11	9-11	9-11	14-17	9-11	9-11	8-9	8-9	7-8	7-8	12
4800	6	11-14	11-14		9-11	11-14	11-14	9-11	9-11	9-11	9-11	9-11	7-8	8-9	8-9	6-7	6-7	19
6714	38	17-20					11-14	11-14	11-14	11-14	11-14	14-17	7-8	9-11	11-14	8-9	8-9	
11500	59	24-28	20-24				20-24	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14	8-9	7-8	50
12274	11	20-24			17-20	11-14	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8-9	7-8	
14500	56	24-28	17-20		17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	11-14	9-11	6-7	40
15795	9	20-24			14-17	14-17	11-14	11-14	14-17	11-14	11-14	14-17	8-9	9-11	14-17	6-7	9-11	10
17738	57	24-28	17-20			14-17	11-14	17-20	14-17	11-14	11-14	14-17	7-8	6-7	9-11	7-8	8-9	10
19982	13	24-28			17-20	17-20	17-20	20-24	17-20	8-9	11-14	11-14	9-11	14-17	17-20	11-14	7-8	45
29661	79	24-28			20-24	17-20	14-17	14-17	14-17	14-17	14-17	20-24	9-11	14-17	17-20	11-14	7-8	30
34500	152	20-24			20-24	20-24	14-17	17-20	17-20	17-20	17-20	14-17	8-9	11-14	11-14	8-9	6-7	

WAGE RATES SUMMARY - WEST COAST REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	13							1		2	3	6	1
ASSOCIATE ADMIN.	5							1	1	2	1		
ASSISTANT ADMIN.	6								1	2	2	1	
PRINCIPAL PLANNER	7							1	1	1	2		1
PRINCIPAL CONSTR. ENGINEER	7								1	2	2		1
CHIEF ENGRS. (MECH, ELEC, CIVIL)	10								2	2	4		
UTILITY OR POWER PLANT SUPT.	11							1	4	2	2		
SHOP SUPT. (MAINT.)	12							1	2	4	1		
CUSTODIAL SUPT.	12					1	1	7	1	1	1		
GROUPS SUPT.	13						1	8	2	1	1		
SKILLED TRADES SUPERVISOR	12						2	5	3	1	1		
CUSTODIAL SUPERVISOR	12				3	2	6		1				
POWER PLANT EQUIP. OPERATORS	12			1		2	4	3	2				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	13					2	3	5	1	2			
SKILLED GARDENERS	13				3	5	3	1	1				
CUSTODIANS	13			6	6		1						
SKILLED LABOR	12			1	3	3	3	1	1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 3

PERCENTAGE MARKUP: 1-10% 2 11-20% 2 21-35% 3 36+% 3

WAGE RATES - 0-3000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT		CUST SUPT	GRNDS SUPT	SKILL TRADE		SKILL SUPVR	CUST SUPVR	UTIL EQUIP		SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
									SUPT	SUPT			SUPT	SUPT			OPER	OPER					
350	66	14-17						9-11	8-9	8-9	8-9	9-11	6-7	9-11	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	10
426	97	9-11		6-7				5-6	7-8	7-8	6-7	5-6	7-8	9-11	0-5	0-5	0-5	0-5	0-5	0-5	0-5	0-5	5
470	18	17-20	14-17			11-14		9-11	9-11	9-11	9-11	8-9	6-7	9-11	6-7	6-7	6-7	6-7	6-7	6-7	6-7	6-7	25
590	133	20-24	11-14																				24
591	88	20-24	14-17	11-14																			
596	89	9-11	8-9																				
725	90	17-20						11-14	11-14	8-9	9-11	8-9	7-8	7-8	6-7	5-6	5-6	5-6	5-6	5-6	5-6	5-6	
750	98	11-14						8-9	8-9	6-7	8-9	9-11	6-7	7-8	0-5	0-5	0-5	0-5	0-5	0-5	0-5	0-5	15
785	135	20-24	11-14		9-11			9-11	11-14	9-11	8-9	9-11	6-7	7-8	0-5	0-5	0-5	0-5	0-5	0-5	0-5	0-5	
958	99	14-17						9-11	9-11	8-9	7-8	8-9	8-9	7-8	8-9	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
980	19	14-17																					
1024	3	14-17																					
1106	27	20-24			11-14	17-20	20-24	14-17	14-17	14-17	7-8	14-17	9-11	9-11	11-14	6-7	6-7	6-7	6-7	6-7	6-7	6-7	8
1150	32	14-17	9-11	8-9				8-9	8-9	7-8	7-8	7-8	7-8	8-9	7-8	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
1193	84	20-24	11-14		20-24			9-11	8-9	9-11	8-9	9-11	6-7	7-8	9-11	7-8	0-5	0-5	0-5	0-5	0-5	0-5	
1200	28	9-11		7-8				8-9	8-9	8-9	8-9	8-9	6-7	9-11	8-9	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
1200	47	17-20	11-14																				
1200	53	14-17	11-14					8-9	9-11	9-11	9-11	9-11	6-7	9-11	9-11	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
1200	80		24-28	24-28	20-24	17-20	17-20	17-20	17-20	14-17	17-20	14-17	8-9	9-11	8-9	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
1200	91	11-14						9-11	9-11	9-11	9-11	9-11	6-7	8-9	8-9	5-6	5-6	5-6	5-6	5-6	5-6	5-6	
1238	95	11-14		8-9		9-11		7-8	7-8	5-6	6-7	6-7	6-7	8-9	8-9	5-6	5-6	5-6	5-6	5-6	5-6	5-6	
1306	30	20-24			14-17	14-17	11-14	9-11	8-9	7-8	7-8	7-8	7-8	8-9	8-9	6-7	5-6	5-6	5-6	5-6	5-6	5-6	
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	9-11	8-9	9-11	8-9	7-8	6-7	6-7	6-7	6-7	6-7	6-7	
1415	157	17-20	14-17	9-11		11-14	11-14	8-9		9-11	8-9	9-11	6-7	8-9	9-11	7-8	0-5	0-5	0-5	0-5	0-5	0-5	45
1467	61	14-17																					
1515	2	24-28			20-24		20-24	11-14	14-17	11-14	11-14	11-14	9-11	11-14	11-14	9-11	7-8	8-9	8-9	8-9	8-9	8-9	32
1543	124	11-14						8-9	7-8	8-9	7-8	7-8	7-8	8-9	8-9	5-6	5-6	5-6	5-6	5-6	5-6	5-6	
1550	123	14-17	11-14																				
1625	126	14-17																					
1917	101	20-24	17-20	17-20	14-17			8-9	8-9	8-9	6-7	14-17	7-8	9-9	8-9	0-5	0-5	0-5	0-5	0-5	0-5	0-5	
1918	160	20-24	9-11			9-11		9-11	9-11	9-11	8-9	8-9	7-8	8-9	8-9	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
2066	94	14-17																					
2131	62	20-24						14-17	11-14	11-14	11-14	9-11	8-9	8-9	8-9	7-8	6-7	6-7	6-7	6-7	6-7	6-7	
2267	63	20-24	17-20	14-17				11-14	11-14	6-7	6-7	6-7	0-5	6-7	7-8	0-5	0-5	0-5	0-5	0-5	0-5	0-5	16
2275	48	11-14	9-11					11-14	11-14	9-11	9-11	8-9	7-8	7-8	6-7	6-7	6-7	6-7	6-7	6-7	6-7	6-7	10
2293	138	17-20						9-11	11-14	9-11	9-11	8-9	6-7	7-8	8-9	6-7	5-6	5-6	5-6	5-6	5-6	5-6	
2303	14	14-17	11-14					9-11	11-14	9-11	9-11	8-9	7-8	7-8	6-7	6-7	6-7	6-7	6-7	6-7	6-7	6-7	
2402	64	17-20																					
2480	150	20-24		11-14			14-17	11-14	8-9	8-9	8-9	7-8	6-7	7-8	6-7	5-6	5-6	5-6	5-6	5-6	5-6	5-6	20
2601	102	14-17	11-14			11-14		9-11	11-14	11-14	9-11	8-9	7-8	8-9	5-6	0-5	0-5	0-5	0-5	0-5	0-5	0-5	
2627	67	14-17	8-9					11-14	11-14	11-14	8-9	11-14	11-14	9-11	9-11	6-7	6-7	6-7	6-7	6-7	6-7	6-7	35
2629	5	28+	24-28	28+	28+	28+	20-24	20-24	20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	14-17	14-17	14-17	14-17	14-17	32
2741	24	14-17	11-14					7-8	7-8	7-8	7-8	11-14	6-7	8-9	8-9	6-7	6-7	6-7	6-7	6-7	6-7	6-7	

WAGE RATES SUMMARY - 0-3000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE										
		5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	42					3	5	14	7	11	1	1
ASSOCIATE ADMIN.	17				1	3	7	3	2		1	
ASSISTANT ADMIN.	18		1	1	3	3	5	2	1		2	
PRINCIPAL PLANNER	8					1		2	1	3		1
PRINCIPAL CONSTR. ENGINEER	9					2	3	1	1	1		1
CHIEF ENGRS. (MECH, ELEC, CIVIL)	8			1		1	2	1	1	2		
UTILITY OR POWER PLANT SUPT.	27	1			7	9	6	2	1	1		
SHOP SUPT. (MAINT.)	30			2	7	8	8	3	1	1		
CUSTODIAL SUPT.	36	1	2	5	11	9	5	2		1		
GROUPS SUPT.	33		3	7	8	10	3		1	1		
SKILLED TRADES SUPERVISOR	21		1	2	6	6	3	2	1			
CUSTODIAL SUPERVISOR	32	1	12	8	6	2		2				
POWER PLANT EQUIP. OPERATORS	25		1	5	5	3	1	1				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	37		1	2	9	14	7		1			
SKILLED GARDENERS	30	3	11	7	3	2		1				
CUSTODIANS	41	12	14	3	1	1						
SKILLED LABOR	34	3	13	6	4			1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 13 NO 30

PERCENTAGE MARKUP: 1-10% 4 11-20% 3 21-35% 5 36+% 1

WAGE RATES - 3000-8000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIM PLAN	CONST ENGR	CHIEF ENGRS	UTIL		MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE		CUST SUPT	UTIL OPER	SKILL TRADE	SKILL GARD	CUST LABOR	SKILL LABOR	MARKUP PCT
								SUPT	TRADE				SUPT	TRADE							
3009	151	17-20						11-14	9-11	7-8	8-9	8-9	7-8	6-7	8-9	6-7	0-5	6-7	0-5	6-7	
3110	140	14-17	11-14	11-14	9-11	9-11	9-11	8-9	8-9	9-11	9-11	8-9	8-9	7-8	6-7	6-7	7-8	6-7	5-6	7-8	10
3300	127	17-20	9-11	17-20				14-17				9-11	11-14				8-9	7-8			15
3310	134	20-24						9-11	9-11	9-11	9-11	8-9					8-9	6-7	5-6		
3500	68	17-20						9-11	9-11	9-11	9-11	8-9					8-9	6-7	5-6		
3657	69	20-24	14-17				14-17	9-11	9-11	9-11	17-20	9-11			9-11	8-9	14-17	8-9	7-8	7-8	
3692	149	20-24	17-20					17-20	17-20	17-20	17-20	9-11	8-9	8-9	14-17	9-11	11-14	8-9	8-9		62
3739	20	17-20	11-14					8-9	11-14	9-11	9-11	11-14	8-9	7-8	6-7	6-7	7-8	6-7	5-6	6-7	
3782	78	11-14						9-11	9-11	9-11	8-9	9-11	7-8	6-7	8-9	8-9	8-9	6-7	6-7	6-7	
3932	136	17-20	14-17	14-17	14-17	14-17	14-17	11-14		11-14	11-14	9-11			8-9	8-9	8-9	6-7	6-7	6-7	58
4115	117	14-17	9-11					14-17				9-11			8-9	8-9	7-8	7-8	6-7		
4147	103	20-24	14-17					11-14	11-14	11-14	8-9	7-8	9-11	8-9	5-6	6-7	8-9	0-5	0-5	5-6	44
4174	60	14-17	11-14	20-24	14-17			9-11	11-14	8-9	9-11	7-8	9-11	9-11	5-6	6-7	8-9	0-5	0-5	0-5	20
4214	105	14-17						14-17	9-11	9-11	9-11	7-8	9-11	9-11	7-8	8-9	8-9	7-8	7-8	9-11	12
4333	1	17-20	14-17						11-14	11-14	11-14	14-17	9-11	9-11	9-11	8-9	8-9	7-8	7-8	9-11	
4380	137	20-24	14-17	11-14				9-11	8-9	11-14	11-14	7-8	8-9	8-9	6-7	7-8	7-8	6-7	5-6	7-8	
4440	73	20-24	9-11					9-11				9-11			9-11	9-11	11-14	9-11	9-11	11-14	
4500	37	20-24	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	11-14	9-11	9-11	11-14	
4569	39	20-24	14-17	9-11				9-11	9-11	9-11	9-11	11-14	8-9	8-9	7-8	6-7	6-7	6-7	6-7	6-7	
4625	141	20-24	14-17	11-14				9-11	14-17	11-14	11-14	11-14	8-9	8-9	7-8	6-7	6-7	5-6	0-5	0-5	
4757	106	20-24	14-17					9-11	11-14	11-14	11-14	9-11	9-11	9-11	7-8	8-9	8-9	5-6	5-6		
4800	6	11-14	11-14		9-11	11-14	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	7-8	8-9	8-9	7-8	6-7	6-7	
5100	18	17-20	14-17					11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8-9	6-7	
5195	142	17-20	14-17					11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	7-8	7-8	8-9	
5300	34	14-17						9-11				9-11	9-11	9-11	9-11	8-9	8-9	7-8	7-8		
5300	92	14-17						14-17				9-11	9-11	9-11	9-11	9-11	9-11	6-7	6-7		
5376	33	24-28			17-20	17-20	11-14	11-14	11-14	11-14	14-17	9-11	9-11	11-14	9-11	9-11	9-11	9-11	7-8	7-8	11
5466	23	17-20	7-8					11-14	11-14	8-9	7-8	7-8	6-7	6-7	0-5	5-6	5-6	0-5	0-5	5-6	
5979	107	17-20						9-11	6-7	7-8	8-9	8-9	5-6	5-6	5-6	6-7	6-7	5-6	0-5	5-6	5

WAGE RATES SUMMARY - 3000-6000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	29							2	6	10	10	1	
ASSOCIATE ADMIN.	9						1	2	6				
ASSISTANT ADMIN,	17				1		4	4	6	2			
PRINCIPAL PLANNER	5						1	1	1	1	1		
PRINCIPAL CONSTR. ENGINEER	8						1	2	4	1			
CHIEF ENGRS. (MECH, ELEC, CIVIL)	7						2	3	2				
UTILITY OR POWER PLANT SUPT.	24				1	2	10	7	3	1			
SHOP SUPT. (MAINT.)	22						3	9	7	1			
CUSTODIAL SUPT.	22			1	2	3	9	5	1	1			
GROUNDS SUPT.	24				5	2	11	5	1				
SKILLED TRADES SUPERVISOR	22			1	2	6	11	2					
CUSTODIAL SUPERVISOR	25	1	2	4	6	3	8		1				
POWER PLANT EQUIP. OPERATORS	25		2	5	2	9	7						
SKILLED TRADES (PLUMBER,ELEC,ETC.)	27		1	3	4	10	6	2	1				
SKILLED GARDENERS	25	3	4	7	6	3	2						
CUSTODIANS	28	8	5	7	5	2	1						
SKILLED LABOR	20	3	3	6	4	2	1	1					

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 9 NO 20

PERCENTAGE MARKUP: 1-10% 2 11-20% 4 21-35% 0 36% 3

WAGE RATES - 6000-10000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPT	CUST SUPT	UTIL EQUIP OPER	SKILL TRADE OPER	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
6042	130	14-17					9-11	9-11	6-7	9-11	9-11	6-7	7-8	7-8	5-6	5-6	5-6	
6056	155	17-20	11-14				9-11	9-11	8-9	9-11	8-9	6-7	0-5	7-8	0-5	0-5	0-5	
6386	132	17-20	14-17			9-11				9-11	8-9	7-8	6-7	7-8	5-6	0-5	0-5	
6500	21	17-20	9-11	14-17	14-17		14-17	14-17	14-17	14-17	14-17	9-11	14-17	11-14	8-9	8-9	8-9	20
6714	38	17-20					11-14	11-14	11-14	11-14	11-14	7-8	9-11	9-11	8-9	6-7	6-7	19
6743	108	17-20	11-14							7-8	8-9	6-7	7-8	7-8	5-6	0-5	0-5	
6854	139	17-20	17-20		14-17		11-14		14-17	9-11	11-14	8-9	9-11	9-11	8-9	6-7	6-7	
7014	143	20-24			14-17	11-14	11-14	11-14	11-14	14-17	11-14	11-14	9-11	9-11	7-8	6-7	8-9	15
7804	109	24-28	14-17	17-20	17-20	17-20	11-14	11-14	11-14	11-14	11-14	7-8	6-7	8-9	5-6	0-5	5-6	13
7961	44	17-20	14-17		11-14	11-14	11-14	11-14	11-14	11-14	9-11	8-9	9-11	9-11	5-6	0-5	5-6	18
8044	144	24-28					14-17	11-14	11-14	11-14	9-11	11-14	8-9	8-9	7-8	7-8	7-8	
8102	25	20-24		17-20	11-14	14-17	9-11	11-14	9-11	9-11	11-14		9-11	9-11	6-7	6-7	7-8	35
8175	31				14-17	14-17	14-17	14-17	11-14	11-14	11-14	6-7	9-11	9-11	6-7	6-7	7-8	21
8226	96	24-28	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11	6-7	9-11	8-9	5-6	0-5	5-6	
8445	45	28+					20-24	20-24	17-20	17-20	14-17	11-14	11-14	11-14	9-11	8-9	8-9	50
8546	22	17-20	14-17		14-17	14-17	11-14	14-17	11-14	11-14	11-14	8-9	9-11	9-11	7-8	5-6	6-7	24
8547	17	20-24		11-14		14-17				11-14	11-14	9-11	9-11	9-11	9-11	7-8	6-7	10
8763	15	17-20	11-14	17-20		11-14			8763	9-11	9-11	9-11	7-8	7-8	5-6	5-6	10	10
8830	145	17-20		14-17	11-14	11-14	14-17	11-14	9-11	11-14	9-11	9-11	9-11	8-9	6-7	6-7	7-8	10
8877	125	17-20					14-17		9-11	9-11	9-11	8-9	8-9	14-17	8-9	7-8	7-8	
8990	72	20-24		11-14	9-11	11-14	14-17		9-11	9-11	9-11	8-9	8-9	7-8	8-9	5-6	7-8	10
9100	110	17-20	14-17		14-17	11-14	9-11	9-11	11-14	9-11	9-11	8-9	7-8	9-11	8-9	6-7	8-9	10
9248	54	14-17	11-14		14-17		11-14	9-11	9-11	9-11	9-11	9-11	9-11	8-9	6-7	6-7	6-7	12
9261	158	14-17						9-11	8-9	7-8	8-9	5-6	7-8	7-8	7-8	0-5	5-6	
9278	41	17-20	14-17	8-9			9-11	9-11	8-9	8-9	8-9	6-7	7-8	7-8	7-8	0-5	5-6	8
9297	129	20-24	17-20				9-11	9-11	8-9	7-8	9-11	6-7	7-8	6-7	7-8	0-5	0-5	
9423	122	20-24	14-17	14-17	14-17	14-17	17-20	14-17	11-14	14-17	14-17	11-14	11-14	17-20	9-11	7-8	14-17	20
9428	58	17-20	9-11		11-14	11-14	11-14	11-14			9-11	9-11	7-8	7-8	5-6	0-5	6-7	5
9500	36	17-20	11-14	9-11	11-14	11-14	11-14	11-14		9-11	8-9	8-9	7-8	8-9	6-7	0-5	0-5	19
9597	131	20-24		14-17	14-17		11-14	11-14	11-14	9-11	11-14	8-9	9-11	9-11	7-8	5-6	5-6	20
9930	74	24-28	20-24	14-17	20-24	17-20	14-17	14-17	11-14	9-11	9-11	7-8	9-11	9-11	7-8	6-7	6-7	7

WAGE RATES SUMMARY - 6000-10000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	30								3	15	7	4	1
ASSOCIATE ADMIN.	11						1	2	5	3			
ASSISTANT ADMIN.	16						3	8	4		1		
PRINCIPAL PLANNER	13					1	1	2	6	3			
PRINCIPAL CONSTR. ENGINEER	15						1	4	8	1	1		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	17						1	9	5	2			
UTILITY OR POWER PLANT SUPT.	21						5	7	7	1	1		
SHOP SUPT. (MAINT.)	25							8	11	5	1		
CUSTODIAL SUPT.	25		1		1	4	4	11	3	1			
GROUNDS SUPT.	28				3	1	12	9	2	1			
SKILLED TRADES SUPERVISOR	27					5	12	7	3				
CUSTODIAL SUPERVISOR	30		1	7	4	7	7	4					
POWER PLANT EQUIP. OPERATORS	23	1		2	6	2	9	2	1				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	31			1	8	7	11	2	1	1			
SKILLED GARDENERS	29	1	8	5	6	6	3						
CUSTODIANS	31	11	5	9	4	2							
SKILLED LABOR	24	3	6	6	4	4			1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 20 NO 11

PERCENTAGE MARKUP: 1-10% 7 11-20% 9 21-35% 3 36+% 1

WAGE RATES - 10000-16000 F.Y.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL		MAINT SUPT	SKILL		CUST SUPT	GRNDS SUPT	SKILL		CUST SUPVR	UTIL		SKILL TRADE	SKILL GARC	CUST	SKILL LABOR	MARKUP PCT
								SUPT	UTIL		SUPT	TRADE			OPR	EQUIP								
110056	12	20-24		17-20	17-20	14-17	14-17	11-14	11-14	14-17	14-17	14-17	9-11	14-17	14-17	14-17	7-8	11-14	11-14	7-8	5-6	8-9		
111200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8-9	11-14	11-14	6-7	6-7	7-8	40	
111390	159	24-28	20-24			14-17	17-20	14-17	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	9-11	11-14	11-14	8-9	8-9	8-9	12	
111500	59	24-28	20-24				20-24	14-17	14-17	14-17	11-14	14-17	14-17	11-14	14-17	11-14	9-11	9-11	9-11	8-9	7-8	8-9		
111555	8	17-20	14-17	11-14				11-14	11-14	11-14	11-14	11-14	9-11	11-14	11-14	11-14	9-11	9-11	9-11	7-8	7-8	8-9	10	
111931	146	20-24		11-14	17-20	14-17	17-20	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	11-14	9-11	8-9	7-8	8-9		
12067	49	24-28	14-17	14-17		17-20	14-17	11-14	11-14	11-14	14-17	11-14	11-14	14-17	11-14	11-14	8-9	8-9	9-11	6-7	5-6	5-6		
112245	104	20-24	11-14	11-14		11-14	14-17	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	6-7	8-9	9-11	7-8	6-7	6-7	35	
112274	11	20-24		17-20	11-14		14-17	14-17	17-20	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	11-14	11-14	8-9	7-8	7-8	50	
113588	85	17-20		11-14			11-14		11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	8-9	8-9	8-9	7-8	7-8	7-8		
113663	87	24-28		14-17				9-11	9-11	11-14	11-14	9-11	9-11	11-14	11-14	9-11	8-9	8-9	8-9	7-8	5-6	5-6		
113800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	9-11	9-11	7-8	7-8	7-8		
14500	56	24-28	17-20	17-20	14-17	20-24	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8-9	7-8	7-8		
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	9-11	11-14	8-9	9-11	11-14	8-9	5-6	5-6	6-7	7-8	5-6	0-5	5-6	19	
15014	50	20-24	17-20	17-20			11-14	14-17	14-17	11-14	14-17	11-14	11-14	14-17	11-14	11-14	8-9	8-9	9-11	5-6	0-5	5-6	22	
15075	156	17-20	17-20	11-14			11-14	11-14	11-14	8-9	11-14	8-9	9-11	11-14	8-9	6-7	6-7	6-7	6-7	6-7	0-5	5-6		
15211	118	24-28	14-17	14-17				9-11	9-11	14-17	9-11	9-11	9-11	9-11	9-11	9-11	8-9	9-11	9-11	8-9	6-7	8-9		
15372	93	20-24		11-14		14-17	14-17	9-11	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	8-9	7-8	7-8	6-7	0-5	5-6		
15453	120	17-20					14-17	11-14	11-14	11-14	11-14	8-9	8-9	11-14	11-14	8-9	7-8	8-9	6-7	5-6	5-6	19		
15659	10	28+		24-28	17-20		17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	11-14	11-14	8-9	8-9	8-9	10	
15795	9	20-24		14-17		14-17	17-20	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	9-11	11-14	9-11	6-7	7-8	40	
15849	26						17-20	14-17	14-17	14-17	14-17	14-17	14-17	14-17	9-11	9-11	9-11	8-9	8-9	7-8	0-5	0-5		

WAGE RATES SUMMARY - 10000-16000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	21									4	9	7	1
ASSOCIATE ADMIN.	12							1	4	4	3		
ASSISTANT ADMIN.	17							7	4	5		1	
PRINCIPAL PLANNER	7							1	2	1	3		
PRINCIPAL CONSTR. ENGINEER	11							2	6	2	1		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	17							3	8	5	1		
UTILITY OR POWER PLANT SUPT.	21							5	9	7			
SHOP SUPT. (MAINT.)	22							4	9	8	1		
CUSTODIAL SUPT.	21						1	6	12	2			
GROUNDS SUPT.	22							4	14	4			
SKILLED TRADES SUPERVISOR	21						3	6	10	2			
CUSTODIAL SUPERVISOR	21		1	2	2	6	10						
POWER PLANT EQUIP. OPERATORS	18			1	1	6	5	5					
SKILLED TRADES (PLUMBER,ELEC,ETC.)	22			2	3	3	8	6					
SKILLED GARDENERS	20		3	4	6	6	1						
CUSTODIANS	22	5	4	4	7	2							
SKILLED LABOR	19		4	2	6	7							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 12

PERCENTAGE MARKUP: 1-10% 2 11-20% 3 21-35% 2 36+% 3

WAGE RATES - 16000-22000 F.I.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL			UTIL			SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
												TRADE	SUPR	TRADE	OPER	EQUIP	SKILL				
16656	7	24-28		17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	8-9	9-11	7-8	6-7	7-8	35
16951	154	17-20	17-20	17-20	17-20	17-20	11-14	11-14	9-11	9-11	14-17	7-8	7-8	7-8	7-8	5-6	6-7	0-5	5-6	7-8	21
17500	40	24-28	14-17	14-17	14-17	11-14	11-14	14-17	9-11	11-14	14-17	9-11	9-11	9-11	8-9	8-9	7-8	6-7	6-7	5-6	
17646	148	24-28	17-20	17-20	17-20	14-17	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	11-14	6-7	6-7	9-11	15
17679	114	20-24	20-24	11-14	14-17	14-17	11-14	11-14	14-17	14-17	11-14	11-14	11-14	11-14	9-11	9-11	7-8	7-8	7-8	7-8	
17722	55	20-24	17-20		14-17	14-17	11-14	17-20	14-17	11-14	11-14	9-11	9-11	9-11	8-9	8-9	7-8	7-8	7-8	7-8	10
17738	57	24-28	17-20		14-17	14-17	11-14	17-20	14-17	11-14	11-14	14-17	14-17	14-17	9-11	9-11	14-17	6-7	6-7	9-11	
18975	111	20-24		14-17			17-20	14-17	11-14	11-14	11-14	14-17	14-17	14-17	9-11	9-11	14-17	8-9	7-8	7-8	
19000	42	28+	20-24	17-20	20-24	17-20	11-14	20-24	17-20	11-14	17-20	17-20	17-20	17-20	14-17	9-11	14-17	11-14	7-8	11-14	
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	9-11	9-11	8-9	8-9	9-11	5-6	0-5	5-6	65
19982	13	24-28		17-20	17-20	17-20	17-20	11-14	17-20	8-9	11-14	11-14	11-14	11-14	6-7	6-7	9-11	7-8	6-7	8-9	10
20000	43	24-28	20-24	17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	11-14	11-14	11-14	9-11	9-11	14-17	7-8	6-7	7-8	10
20349	128	20-24	17-20	17-20	17-20	20-24	14-17	11-14	17-20	14-17	14-17	20-24	20-24	20-24	11-14	11-14	17-20	8-9	8-9	11-14	20
20560	46	24-28	20-24	11-14	14-17	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8-9	6-7	8-9	
21930	51	24-28	20-24	20-24			17-20	14-17	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	7-8	7-8	7-8	12

WAGE RATES SUMMARY - 16000-22000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	15									1	4	9	1
ASSOCIATE ADMIN.	12								2	5	5		
ASSISTANT ADMIN.	10							2	2	5	1		
PRINCIPAL PLANNER	10								3	6	1		
PRINCIPAL CONSTR. ENGINEER	7							2	2	2	1		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	14								5	5	4		
UTILITY OR POWER PLANT SUPT.	11								5	4	1	1	
SHOP SUPT. (MAINT.)	13							2	4	4	3		
CUSTODIAL SUPT.	15				1		1	1	8	5			
GROUND S S UPT.	15							2	8	4	1		
SKILLED TRADES SUPERVISOR	15				1			5	5	2	1	1	
CUSTODIAL SUPERVISOR	15		1		2	3	9						
POWER PLANT EQUIP. OPERATORS	13			2		3	5	5	2	1			
SKILLED TRADES (PLUMBER,ELEC,ETC.)	15				2	1	6	1	3	2			
SKILLED GARDENERS	12		1	2	5	2	1	1					
CUSTODIANS	15	2		7	5	1							
SKILLED LABOR	14		2	1	5	2	2	2	2				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 9 NO 6

PERCENTAGE MARKUP: 1-10% 3 11-20% 3 21-35% 2 36+% 1

WAGE RATES - 22000+ F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

F.TES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL			UTIL			SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
												TRADE	SUPVR	CUST	EQUIP	OPER	TRADE				
22051	65	20-24		11-14			14-17	14-17	14-17	11-14	14-17	11-14	11-14	9-11	9-11	9-11	9-11	5-6	5-6	5-6	10
24585	76	24-28	20-24	17-20			17-20	17-20	20-24	11-14	14-17	17-20	17-20	9-11	9-11	9-11	17-20	8-9	8-9	17-20	20
24935	100	20-24		14-17			14-17	11-14	11-14	11-14	11-14	9-11	9-11	7-8	8-9	8-9	9-11	5-6	5-6	5-6	60
24942	71		24-28	24-28	24-28		20-24	14-17	14-17	14-17	14-17	9-11	9-11	8-9	7-8	7-8	8-9	7-8	5-6	5-6	17
26260	153	28+		28+	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	11-14	8-9	8-9	8-9	8-9	7-8	6-7		
27507	113	28+	24-28		17-20	20-24	17-20	20-24	17-20	17-20	17-20	14-17	14-17	11-14	9-11	9-11	8-9	7-8	6-7	7-8	
29000	4	28+	24-28	20-24	20-24		14-17	11-14	14-17	11-14	11-14	8-9	8-9	5-6	7-8	7-8	7-8	5-6	0-5		45
29661	79	24-28		20-24	20-24	17-20	20-24	20-24	17-20	14-17	14-17	20-24	20-24	9-11	14-17	17-20	17-20	11-14	7-8	11-14	17
30106	78	20-24	17-20	14-17	14-17	17-20	14-17	11-14	14-17	17-20	14-17	17-20	17-20	11-14	8-9	8-9	17-20	9-11	8-9	11-14	20
31140	81	24-28	24-28	24-28	17-20		20-24	17-20	17-20	20-24	14-17	14-17	14-17	8-9	8-9	8-9	14-17	8-9	7-8	8-9	13
34000	86	28+	20-24				17-20	14-17	14-17	9-11	11-14	14-17	14-17	8-9	8-9	11-14	11-14	8-9	6-7	9-11	30
34500	152	20-24		20-24		20-24	14-17	17-20	17-20	17-20	17-20	14-17	14-17	8-9	11-14	11-14	11-14	8-9	6-7	11-14	27
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	14-17	14-17	17-20	14-17	9-11	11-14	11-14	11-14	8-9	6-7	11-14	
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	20-24	14-17	14-17	11-14	11-14	11-14	11-14	9-11	7-8	9-11	
41220	161	28+		20-24			17-20	17-20	20-24	20-24	14-17	17-20	17-20	11-14	11-14	17-20	17-20	7-8	7-8	8-9	

WAGE RATES SUMMARY - 22000* F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE										24000 TO 28000	28000 AND OVER
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000		
CHIEF PHYSICAL PLANT ADMIN.	14										4	4	6
ASSOCIATE ADMIN.	9									1	4	4	
ASSISTANT ADMIN.	13							1	4	1	4	2	1
PRINCIPAL PLANNER	9							1	1	3	2	2	
PRINCIPAL CONSTR. ENGINEER	9									6	2	1	
CHIEF ENGRS. (MECH, ELEC, CIVIL)	14								6	5	3		
UTILITY OR POWER PLANT SUPT.	15							4	3	6	2		
SHOP SUPT. (MAINT.)	15							2	5	6	2		
CUSTODIAL SUPT.	15						1	5	4	3	2		
GROUNDS SUPT.	14							4	6	3	1		
SKILLED TRADES SUPERVISOR	15					1	2	3	5	3	1		
CUSTODIAL SUPERVISOR	15		1		1	5	4	4					
POWER PLANT EQUIP. OPERATORS	13				2	4	2	4	1				
SKILLED TRADES (PLUMBER,ELEC.ETC.)	14				1	3	2	3	1	4			
SKILLED GARDENERS	13		2		4	4	2	1					
CUSTODIANS	14		4	4	4	2							
SKILLED LABOR	13	1	3		1	2	2	3		1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 5

PERCENTAGE MARKUP: 1-10% 1 11-20% 5 21-35% 2 36+% 2

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - 2 YEAR

(WAGE RATES SHOWN IN THOUSANDS)

FIES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL			CUST SUPVR	UTIL			SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
350	66	14-17					9-11	8-9	8-9	8-9	9-11	6-7	6-7	6-7	6-7	6-7	6-7	9-11	5-6	5-6	5-6	
980	19	14-17					9-11											8-9	8-9	6-7	8-9	
1200	28	9-11					7-8	8-9	8-9	8-9								8-9	6-7	6-7	6-7	
1625	126	14-17						8-9											6-7	6-7	7-8	
2131	62	20-24						14-17	11-14	9-11								8-9	8-9	8-9		
2402	64	17-20						9-11	8-9									9-11	8-9	8-9		
3009	151	17-20					11-14	9-11										8-9	6-7	6-7		
3300	127	17-20	9-11	9-11			7-8		9-11									6-7	6-7	5-6	7-8	
3500	68	17-20					9-11	9-11	9-11	8-9								8-9	6-7	5-6		
3692	149	20-24	17-20				17-20	17-20	17-20									14-17	11-14	8-9	8-9	62
4380	137	20-24	14-17	11-14			9-11	11-14	11-14									8-9	8-9	6-7	8-9	
4440	73	20-24	9-11				9-11	8-9		7-8								8-9	6-7	5-6	7-8	
4500	37	20-24	14-17	14-17			9-11	11-14	11-14	9-11								9-11	11-14	9-11	11-14	
4800	6	11-14	11-14				9-11	9-11	9-11	9-11								8-9	7-8	6-7	6-7	
5100	16	17-20	14-17				9-11	9-11	9-11	9-11								9-11	9-11	8-9	6-7	
6743	108	17-20	11-14					7-8	8-9	6-7								7-8	5-6	0-5		
9100	110	17-20	14-17				9-11	9-11	9-11	9-11								9-11	8-9	6-7	8-9	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - 4 YEAR

(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL			UTIL			SKILL LABOR	MARKUP PCT
												TRADE	SUPVR	SKILL GARD	CUST	OPR	TRADE		
426	97	9-11	6-7					5-6		7-8	6-7				5-6	7-8		0-5	10
596	89	9-11	8-9					11-14	11-14	8-9	9-11	8-9			6-7	7-8		5-6	
725	90	17-20						8-9	8-9	6-7	8-9				7-8	7-8		5-6	
750	98	11-14							9-11	8-9	7-8							0-5	
958	99	14-17																0-5	
1150	32	14-17	9-11	8-9	20-24		9-11	8-9	8-9	7-8	9-11				7-8	8-9		6-7	
1193	84	20-24	11-14						9-11	8-9	9-11				6-7	7-8		0-5	
1200	53	14-17	11-14					8-9	9-11		9-11				6-7	8-9		0-5	
1238	95	11-14		8-9			9-11		7-8	5-6	6-7							0-5	
1306	30	20-24			14-17	14-17	11-14	9-11	8-9	7-8	7-8	7-8			6-7	8-9		5-6	
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	8-9			7-8	7-8		6-7	
1467	61	14-17		9-11							9-11				7-8	6-7		5-6	
1543	124	11-14							7-8	8-9								5-6	
1550	123	14-17	11-14					8-9		7-8	7-8							0-5	
2066	94	14-17							9-11	8-9	8-9	8-9			7-8	8-9		6-7	
2275	48	11-14	9-11					9-11	9-11	8-9	6-7				0-5	6-7		7-8	
3657	69	20-24		14-17			14-17	9-11	9-11	8-9	9-11	7-8			9-11	8-9		0-5	16
3782	70	11-14						11-14	11-14	9-11	9-11	9-11			6-7	8-9		7-8	
5195	142	17-20		14-17						9-11	9-11	9-11			9-11	8-9		5-6	
5300	34	14-17					14-17	9-11			9-11	9-11			8-9	8-9		7-8	
5300	92	14-17						11-14	11-14	14-17	11-14	11-14			9-11	9-11		6-7	
8044	144	24-28						14-17	11-14	11-14	11-14	9-11			8-9	8-9		7-8	
8226	96	24-28	17-20	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11			6-7	8-9		5-6	
8547	17	20-24			11-14		14-17	11-14	14-17		11-14	11-14			9-11	9-11		7-8	
8877	125	17-20						14-17		9-11	9-11				8-9	8-9		0-5	
9297	129	20-24	17-20	11-14					9-11	8-9	7-8	9-11			6-7	6-7		0-5	
9423	122	20-24	14-17	14-17	14-17	14-17	14-17	17-20	14-17	11-14	14-17	14-17			11-14	11-14		7-8	
11200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	9-11			8-9	8-9		14-17	
13663	87	24-28		14-17				9-11	9-11	11-14	11-14	9-11			8-9	8-9		6-7	
16951	154	17-20	17-20	17-20	17-20		11-14	11-14	9-11	9-11	14-17	7-8			5-6	6-7		0-5	
27507	113	28+	24-28		17-20	20-24	17-20	20-24	17-20	17-20	17-20	14-17			11-14	9-11		7-8	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(WAGE RATES SHOWN IN THOUSANDS)

FIES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL SUPT	TRADE SUPT	UTIL OPER	SKILL GARD	SKILL LABOR	MARKUP PCT
785	135	20-24	11-14	9-11			9-11	11-14	9-11	8-9	9-11	6-7	8-9	7-8	0-5	15
1024	3	14-17						11-14	9-11	11-14				8-9	7-8	
1200	47	17-20	11-14				9-11	9-11	9-11	11-14			9-11	9-11	6-7	32
1200	91	11-14		20-24				11-14	11-14	11-14			7-8	8-9	7-8	
1515	2	24-28					11-14	11-14	11-14	11-14			11-14	11-14	7-8	10
2267	63	20-24	17-20	14-17			11-14	11-14	11-14	11-14			7-8	8-9	6-7	
2293	138	17-20					11-14	11-14	9-11	8-9	7-8	6-7	7-8	8-9	6-7	20
2303	14	14-17	11-14				9-11	8-9	8-9	7-8			7-8	8-9	5-6	35
2480	150	20-24		11-14			9-11	8-9	8-9	8-9	7-8	6-7	7-8	8-9	5-6	32
2601	102	14-17		11-14			9-11	11-14	11-14	11-14			7-8	8-9	5-6	15
2627	67	14-17	8-9				11-14	11-14	11-14	11-14			7-8	8-9	5-6	44
2629	5	28+	24-28	28+			20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	20
2741	24	14-17	11-14				14-17	11-14	7-8	7-8	11-14	6-7		8-9	6-7	35
3310	134	20-24		17-20			14-17	11-14	9-11	11-14				8-9	7-8	32
4115	117	14-17		9-11			11-14	11-14	9-11	11-14				8-9	6-7	15
4147	103	20-24	14-17				11-14	11-14	8-9	7-8	9-11	8-9	8-9	8-9	5-6	44
4174	60	14-17		20-24	14-17		14-17	9-11	9-11	7-8	9-11	7-8	6-7	9-11	0-5	20
4214	105	14-17							11-14	11-14	9-11	9-11	9-11	9-11	6-7	12
4333	1	17-20	14-17				11-14	11-14	9-11	9-11	9-11	7-8	9-11	9-11	6-7	
4569	39	20-24	14-17	9-11			9-11	9-11	8-9	11-14	8-9	7-8	9-11	9-11	5-6	11
4625	141	20-24	14-17	11-14			9-11	9-11	8-9	11-14	8-9	7-8	9-11	9-11	5-6	5
4757	106	20-24		14-17			9-11	14-17	11-14	11-14	9-11	7-8	9-11	9-11	5-6	
5376	33	24-28		17-20	11-14		11-14	14-17	11-14	11-14	9-11	9-11	9-11	9-11	5-6	
5466	23	17-20		7-8			11-14	8-9	7-8	7-8	6-7	0-5	5-6	5-6	0-5	
5979	107	17-20						9-11	6-7	7-8	8-9	5-6	7-8	7-8	5-6	
6042	130	14-17					9-11	9-11	6-7	9-11	9-11	6-7	7-8	7-8	5-6	
6056	155	17-20		11-14			9-11	9-11	8-9	9-11	8-9	7-8	9-11	9-11	5-6	
6386	132	17-20		14-17			9-11	9-11	8-9	9-11	8-9	7-8	9-11	9-11	5-6	
6500	21	17-20		9-11	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	11-14	8-9	20
6714	38	17-20					11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	19
6854	139	17-20	17-20				11-14	11-14	14-17	14-17	14-17	14-17	14-17	14-17	8-9	15
7014	143	20-24					11-14	11-14	14-17	14-17	14-17	14-17	14-17	14-17	8-9	13
7804	109	24-28	14-17	11-14			11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	8-9	35
8102	25	20-24		17-20	11-14		9-11	11-14	9-11	9-11	9-11	9-11	9-11	9-11	6-7	21
8175	31						14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	6-7	24
8546	22	17-20		14-17			14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	6-7	10
8763	15	17-20	11-14	17-20			11-14	11-14	9-11	11-14	11-14	11-14	11-14	11-14	6-7	10
8830	145	17-20		14-17	11-14		14-17	11-14	9-11	11-14	11-14	11-14	11-14	11-14	6-7	10
9090	72	20-24		11-14	9-11	11-14	11-14	9-11	11-14	9-11	9-11	9-11	9-11	9-11	6-7	12
9248	54	14-17	11-14				11-14	9-11	8-9	7-8	9-11	9-11	9-11	9-11	6-7	8
9261	158	14-17	11-14	8-9			9-11	9-11	8-9	8-9	8-9	8-9	8-9	8-9	5-6	5
9278	41	17-20	14-17				9-11	11-14	11-14	11-14	11-14	11-14	11-14	11-14	5-6	19
9428	58	17-20					11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	5-6	12
9500	36	17-20		9-11			11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	5-6	10
10056	12	20-24		17-20			14-17	14-17	11-14	14-17	14-17	14-17	14-17	14-17	5-6	12
11390	159	24-28	20-24				14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	5-6	10
11555	8	17-20	14-17	11-14			11-14	11-14	9-11	11-14	11-14	11-14	11-14	11-14	5-6	10
11931	146	20-24		17-20	14-17	17-20	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	5-6	9

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE	CUST SUPT	EQUIP OPER	UTIL OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
12067	49	24-28	14-17	14-17	17-20	14-17	14-17	11-14	11-14	11-14	14-17	11-14	11-14	8-9	8-9	9-11	6-7	5-6	5-6	50
12274	11	20-24	17-20	17-20	11-14	11-14	11-14	14-17	17-20	11-14	11-14	11-14	11-14	9-11	11-14	11-14	8-9	7-8	7-8	
13588	85	17-20	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	8-9	7-8	7-8	7-8	
13800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	11-14	8-9	9-11	9-11	7-8	7-8	7-8	
14500	56	24-28	17-20	17-20	14-17	20-24	14-17	11-14	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8-9	7-8	7-8	
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	9-11	11-14	8-9	5-6	5-6	7-8	7-8	5-6	0-5	5-6	
15014	50	20-24	17-20	17-20	14-17	14-17	14-17	11-14	11-14	11-14	14-17	11-14	8-9	8-9	8-9	9-11	5-6	0-5	6-7	19
15211	118	24-28	14-17	14-17	11-14	14-17	14-17	9-11	9-11	14-17	9-11	9-11	8-9	9-11	9-11	8-9	6-7	6-7	8-9	
15372	93	20-24	11-14	11-14	14-17	14-17	14-17	9-11	9-11	11-14	9-11	8-9	7-8	8-9	7-8	6-7	5-6	0-5	5-6	
15453	120	17-20	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	8-9	7-8	8-9	8-9	6-7	5-6	5-6	7-8	19
15795	9	20-24	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	11-14	9-11	6-7	7-8	40
15849	26	24-28	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	0-5	7-8	
16656	7	24-28	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	6-7	7-8	35
17500	40	24-28	14-17	14-17	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	6-7	5-6	
17679	114	20-24	20-24	11-14	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	6-7	7-8	15
17738	57	24-28	17-20	11-14	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	6-7	9-11	10
18975	111	20-24	17-20	14-17	14-17	14-17	14-17	11-14	11-14	11-14	14-17	9-11	9-11	8-9	8-9	8-9	7-8	6-7	7-8	
19000	42	28+	20-24	17-20	20-24	17-20	20-24	17-20	17-20	17-20	17-20	17-20	17-20	9-11	9-11	14-17	17-20	7-8	11-14	65
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	9-11	7-8	8-9	8-9	5-6	0-5	5-6	12
21930	51	24-28	20-24	20-24	20-24	17-20	17-20	14-17	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	5-6	7-8	7-8	10
22051	65	20-24	11-14	11-14	11-14	14-17	14-17	14-17	14-17	11-14	14-17	11-14	11-14	9-11	9-11	9-11	5-6	5-6	5-6	
26260	153	28+	28+	28+	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	8-9	8-9	8-9	8-9	7-8	6-7	0-5	
29000	4	28+	24-28	20-24	20-24	14-17	11-14	11-14	14-17	11-14	11-14	8-9	5-6	7-8	7-8	7-8	9-11	8-9	11-14	20
31140	81	24-28	24-28	24-28	17-20	17-20	20-24	17-20	17-20	20-24	14-17	17-20	17-20	11-14	11-14	17-20	9-11	8-9	11-14	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - MEDICAL
(WAGE RATES SHOWN IN THOUSANDS)

FTEs	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPT	CUST SUPT	EQUIP OPER	UTIL OPER	SKILL GARD	CUST GARD	SKILL LAVOR	MARKUP PCT
470	18	17-20	14-17	14-17	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	9-11	6-7	6-7	8-9	0-5	0-5	5
590	133	20-24	11-14	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8-9	8-9	9-11	6-7	6-7	25
591	88	20-24	14-17	11-14	11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	9-11	6-7	6-7	9-11	6-7	6-7	24
1106	27	20-24	11-14	11-14	17-20	20-24	14-17	17-20	14-17	14-17	7-8	14-17	14-17	9-11	9-11	11-14	6-7	6-7	8
1200	80	24-28	24-28	20-24	17-20	17-20	17-20	17-20	14-17	14-17	17-20	17-20	14-17	9-11	9-11	9-11	9-11	9-11	45
1415	157	17-20	14-17	9-11	11-14	11-14	8-9	8-9	8-9	8-9	6-7	14-17	14-17	8-9	8-9	8-9	8-9	8-9	
1917	101	20-24	17-20	17-20	14-17	9-11	9-11	9-11	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	
1918	160	20-24	9-11	11-14	11-14	9-11	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	
3110	140	14-17	11-14	11-14	11-14	9-11	9-11	9-11	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	8-9	10
3739	20	17-20	11-14	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	
3932	136	17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	58
7961	44	17-20	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	14
8445	45	28+	14-17	14-17	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	50
9597	131	20-24	9-11	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	20
9930	74	24-28	20-24	20-24	14-17	20-24	17-20	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	7
11500	59	24-28	20-24	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	
12245	104	20-24	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	35
15075	156	17-20	17-20	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	11-14	22
15659	10	28+	24-28	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	10
17646	148	24-28	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	
17722	55	20-24	17-20	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	
19982	13	24-28	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	10
20000	43	24-28	20-24	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	10
20349	128	20-24	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	20
20560	46	24-28	20-24	11-14	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	
24585	76	24-28	20-24	17-20	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	20
24935	100	20-24	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	
24942	71	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	24-28	60
29661	79	24-28	20-24	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17
30106	78	20-24	17-20	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17	45
34000	86	28+	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	17
34500	152	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	45
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	13
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	17-20	13
41220	161	28+	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	20-24	27

APPENDIX

The Association of
Physical Plant Administrators
of Universities and Colleges

SUITE 510
ONE DUPONT CIRCLE
WASHINGTON, D.C. 20036
(202) 785 3082



September 17, 1973

COMPARATIVE UNIT COST STUDIES FOR
MAINTENANCE AND OPERATION OF PHYSICAL
PLANTS OF UNIVERSITIES AND COLLEGES

PRESIDENT

George C. Moore
University of Cincinnati
Cincinnati, Ohio 45221

PRESIDENT-ELECT

Raymond Halbert
University of Missouri
Columbia, Missouri 65201

VICE PRESIDENT/MEMBERSHIP

William M. Stanton
Swarthmore College
Swarthmore, Pennsylvania 19081

VICE PRESIDENT/PROGRAMS

Harry F. Ebert
Duke University
Durham, North Carolina 27706

VICE PRESIDENT/PROFESSIONAL AFFAIRS

Gene B. Cross
University of Delaware
Newark, Delaware 19711

IMMEDIATE PAST-PRESIDENT

Ted B. Simon
Michigan State University
East Lansing, Michigan 48823

SECRETARY

John H. Swentzer
Earlham College
Richmond, Indiana 47374

EXECUTIVE DIRECTOR

Paul T. Knapp
Suite 510, One Dupont Circle
Washington, D.C. 20036

To: APPA MEMBERS

During their last meeting, your Board directed the Research and Survey Committee to up-date the 1971 survey, copies of which most of you have in your files.

We are using the same questionnaires as used in the 1971 survey, therefore, please refer to the "Classification of Accounts" and "Definition of Terms" adopted by APPA for definitions, if required.

To make the survey meaningful, the information must be accurate, so please, do not include data pertaining to auxiliary enterprises or other self-liquidating enterprises in your report. Solicit help from your Business Office if necessary and if the cost preliminary to these areas cannot be separated out please so state with your returns.

Please participate--if your records do not provide answers to all questions, provide what you can by October 22, 1973.

With best regards,

Henry T. Barbatti

APPA Research and Survey Committee
Henry T. Barbatti, Chairman

Return questionnaires to: Henry T. Barbatti
Director of Physical Plant
University of Tennessee at
Chattanooga
833 Fort Wood Street
Chattanooga, Tennessee 37401

"An association, international in scope, founded in 1914, whose purpose is to develop professional standards in the administration, care, operation, planning and development of physical plants used by colleges and universities. . . ."

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973

A. MAINTENANCE AND OPERATIONS COST (1972-1973) Exclude auxiliary and self liquidating enterprises.

<u>Subdivision</u>	<u>Gross Sq. Ft. Building Area Served</u>	<u>Cost per Square Foot (Gross Area) 1972-73</u>
1. Physical Plant Admin. 1.1 & 1.2	_____	_____
2. Building Maintenance 2.1 thru 2.5	_____	_____
3. Custodial Services 3.1 thru 3.6	_____	_____
4. Campus Safety & Employee Training 4.1 thru 4.5	_____	_____
5. Utilities 5.1 thru 5.6	_____	_____
6. Landscape & Grounds Maintenance 6.1 thru 6.9	_____	_____
8. Traffic & Security 8.1 thru 8.6	_____	_____
9. General Services 9.1 thru 9.4	_____	_____
7. Major Repairs and Renovations 7.1 thru 7.4	_____	_____ total dollars

B. CAMPUS AREA (January 1, 1973)

Gross area, acres _____

Intensely maintained area, acres _____

C. ENROLLMENT DATA (Fall Term or Semester - 1972)

1. Full time equivalent students _____

(this figure to be determined by dividing the number of graduate credit hours by 9 and the undergraduate hours by 15.)

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973

D. SALARY SURVEY (January 1, 1973) APPA REGION

Enrollment F.T.E. _____

J O B D E S C R I P T I O N	ANNUAL RATE*											
	XXXX to 5,000	5,000 to 6,000	6,000 to 7,000	7,000 to 8,000	8,000 to 9,000	9,000 to 11,000	11,000 to 14,000	14,000 to 17,000	17,000 to 20,000	20,000 to 24,000	24,000 to 28,000	28,000 to XXXX
Chief Physical Plant Admin.												
Associate Admin.												
Assistant Admin.												
Principal Planner												
Principal Constr. Engineer												
Chief Engrs. (Mech, Elec, Civil)												
Utility or Power Plant Supt.												
Shop Supt. (Maint.)												
Custodial Supt.												
Grounds Supt.												
Skilled Trades Foreman												
Custodial Foreman												
Power Plant Equip. Operators												
Skilled Tradesmen (Plumber,Elec,etc.)												
Skilled Gardeners												
Custodians												
Skilled Labor												

*Direct payroll cost - without retirement and similar fringe benefit costs.

Do you bill fringe and overhead cost to other Departments? YES _____ NO _____

If YES, percent mark up _____

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973
page 3

University Name _____

Location _____

APPA Region _____

Programs: (Please check all that apply to your school)

2 year () 4 year ()

graduate () medical ()

Comments regarding this type of survey: _____

Do you object to being identified in published survey results? YES___ NO___

(No institution will be identified if they object).

Signed: _____

Title: _____

NOTE: Please keep 1 copy and return one completed
copy promptly (on or before October 22, 1973) to:

Henry T. Barbatti
Director of Physical Plant
University of Tennessee at Chattanooga
833 Fort Wood Street
Chattanooga, Tennessee 37401

ASSOCIATION OF PHYSICAL PLANT ADMINISTRATORS
CLASSIFICATION OF ACCOUNTS
MAY, 1970

MAJOR ACCOUNTS

1. Physical Plant Administration
2. Building Maintenance
3. Custodial Services
4. Campus Safety and Employee Training
5. Utilities
6. Landscape and Grounds Maintenance
7. Major Repairs and Renovations
8. Traffic and Security
9. General Services

OUTLINE OF COSTS TO BE INCLUDED UNDER EACH MAJOR ACCOUNT

1. Physical Plant Administration

All activities necessary to carry out the duties of management and administration for all areas under the jurisdiction of the Physical Plant Division are included. Examples of the activities are:

1.1 Administration

Salaries, wages, employee benefits, travel, equipment, and other operating costs required for:

Administrator.

Assistant Administrators.

Office personnel including account keeping done by the Physical Plant Department such as payroll, billing, material ordering, personnel records, and dispatching of work orders.

Other administrative operating costs including supplies, materials, pro rata share of telephones, postage, computer rental, accounting machine costs, and career training programs.

1.2 Engineering normally includes:

Salaries, wages, employee benefits, travel, equipment, and other costs required to provide technical and engineering services necessary to effectively carry out the functions assigned and funded in the Physical Plant Division. Includes staff personnel such as engineers, architects, draftsmen, estima-

1.2 Engineering - (Cont'd)

tors, schedulers; and preparation of documents for contractual maintenance and renovations; also includes analysis of systems and modes of operation, plant records, etc. Preparation of architectural and engineering plans and specifications for the alterations and new construction are normally funded from other sources.

2. Building Maintenance

Building Maintenance includes all items related to routine repair of buildings, structures, and utility distribution systems, including normal recurring repairs and preventive maintenance. Does not include cost of service for which reimbursement is received from other sources such as auxiliary enterprises, new construction, alterations, etc. Include the following:

2.1 Interior and exterior of buildings

2.2.1 Plumbing, heating, air conditioning, and ventilation,

2.2.2 Electrical repairs of all types including primary and secondary systems, and certain lamp replacements and maintenance of outdoor lighting fixtures, (Does not include energy costs.)

2.2.3 Carpentry and cabinet making,

2.2.4 Painting and glazing,

2.2.5 Hardware, locks, keys, closers, and records,

2.2.6 Roofing and sheet metal work, including downspouts and gutters,

2.2.7 Welding and necessary machine work,

2.2.8 Elevators and other building machinery,

2.2.9 Miscellaneous building repairs such as tuckpointing, blinds, etc.,

2.3 Maintenance of classroom and laboratory furniture and equipment within the building not inventoried to a department.

2.4 Maintenance of utility distribution systems inside the building. Electrical, heating, process steam, water lines, gas lines, and sewer lines (both storm and sanitary).

- 2.5 Operating and replacement costs of all equipment and material and tools used in connection with building maintenance excluding hand tools furnished by the employees.

3. Custodial Services

Includes all costs related to custodial services in building interiors. Does not include auxiliary enterprise buildings.

- 3.1 Salaries, wages and employee benefits of custodians, supervision, and services required for cleaning of building interiors.
- 3.2 Small set-ups only where materials for the special set-ups are stored or kept within the same building.
- 3.3 Snow removal on building steps + 5 feet of sidewalk in each direction.
- 3.4 Other operating costs such as paper, paper towels and tissue, wax, erasers, chalk, cleaners, and other materials and supplies.
- 3.5 Operating and replacement costs of all equipment used in connection with custodial services and certain lamp replacement.
- 3.6 Elevator operation on non-automatic equipment.

Common operations include: Mopping, sweeping, waxing of floors (sanding and refinishing of floors are excluded); dusting, polishing of furniture and fixtures such as venetian blinds, partitions, pictures, maps, radiators, etc.; cleaning of chalkboards, chalk trays, erasers, and replacement of chalk; washing and dusting of walls; cleaning and disinfecting commodes and urinals; cleaning and washing other fixtures, walls and partitions, and replenishing supplies for restrooms; the emptying and cleaning of waste receptacles; dusting and cleaning of windows and other glass surfaces; sweeping and cleaning of entrances; and opening and/or closing building, doors and windows.

The custodian is not a personal servant, messenger, mailman or laboratory assistant for the faculty or students. Generally, services requiring technical direction at the time of performances such as cleaning chemistry laboratory bench tops, decontaminating radioactive facilities, or cleaning of extremely delicate apparatus are not classified as custodial, but are usually provided by the department having specific jurisdiction.

4. Campus Safety and Employee Training

Includes all cost of fire prevention and fire protection, accident prevention, and employee training programs.

- 4.1 Salaries, materials, travel, and equipment costs of campus fire department.
- 4.2 Cost of audio-visual aids, demonstration devices and materials for campus-wide training in fire prevention, evacuation drills, and accident prevention.

- 4.3 Maintenance of fire sprinkler systems, alarms, fire extinguishers, first aid equipment, and other protective devices.
- 4.4 Purchase of monitoring and measuring devices required to insure good industrial hygiene and safe handling of radioactive wastes and dangerous materials.
- 4.5 Procurement or preparation of literature, posters, books, and printed matter used in training.

5. Utilities

Utility services include all costs for energy for heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the Physical Plant and normally includes:

- 5.1 Payroll costs of all supervisory and operating personnel in connection with utilities.
- 5.2 Operation and maintenance of heating and power plant equipment including water plant and sewage disposal plant.
- 5.3 Operation and maintenance of equipment in central air conditioning plant.
- 5.4 Contractural costs for purchase of electricity, water, and sewage treatment.
- 5.5 Operation and replacement costs of all equipment used in connection with production utilities.
- 5.6 Maintenance of utility tunnels, outdoor distribution systems for electricity, gas, steam compressed air, chilled water, and high temperature water, domestic water, sanitary and storm drains. The expense does not include open ditch drainage.

6. Landscape and Grounds Maintenance

Grounds maintenance includes operation and maintenance of campus landscape and grounds. Report in relationship to your total gross area of Physical Plant buildings, and also in relationship to ground area in acres. Exclude areas not intensively maintained by the Physical Plant budget and/or other areas for which the Physical Plant is reimbursed.

- 6.1 Salaries, wages, and employee benefits of all supervisory and operating personnel in connection with grounds,
- 6.2 All areas of the main campus maintained. Growing things as trees, grass, shrubs, flowers, nursery stock including seeds, fertilizers, and plant materials.
- 6.3 Maintenance of roads and walks, parking areas, irrigation systems, signs, etc.

- 6.4 Snow removal,
- 6.5 Maintenance of golf course, athletic practice fields, and stadium varsity fields. (Costs are normally excluded from Physical Plant budgets.)
- 6.6 Maintenance of Physical Education, Intramural, and R.O.T.C. drill fields,
- 6.7 Maintenance of open ditch drainage, fences, retaining walls and rip rap,
- 6.8 Care of miscellaneous fixed equipment such as benches, shelter houses, etc.,
- 6.9 Operation and replacement costs of all equipment used in connection with grounds maintenance.

7. Major Repairs and Renovations (Special Line Items)

Major repairs and rehabilitation includes all costs for major non-recurring repairs, major deferred maintenance items. Major projects are those costing in excess of \$10,000.

- 7.1 Cost of salaries of supervisory and operating personnel connected with major repairs and renovation projects,
- 7.2 Line item special allotments and essentially large improvement items,
- 7.3 Replacement costs of all equipment used in connection with major repairs and renovations,
- 7.4 Costs related to planning, design, or administration of major repairs and renovations.

8. Traffic and Security

Traffic and security includes all costs for watchmen, police services related to plant and campus security, and vehicle control.

- 8.1 Salaries of all supervisory and operating personnel in connection with traffic and security.
- 8.2 Patrol of campus and school areas including exterior of buildings by campus police.
 - 8.2.1 Patrol vehicles, radio communications cost, uniforms, and police equipment including radar,

8.2.2 Office operation. Registration of cars, collection of fees and fines, including accounting records,

8.3 Watchmen for building interiors on a route system.

8.3.1 Uniforms and clocks,

8.3.2 Operating and maintenance of vehicles used in watch service.

8.4 Other operating costs such as car identification stickers, office supplies and equipment.

8.5 Parking control such as vehicle operated gates, and parking meters, and traffic control lights and attendants.

8.6 Closed circuit TV monitors, burglar alarm, etc.

9. General Services

General Services in which Physical Plant divisions have primary jurisdiction at some universities are:

9.1 Purchasing and receiving and stores for supplies and equipment for the entire campus,

9.2 Garbage and trash disposal,

9.3 Hauling, moving, and storing of furniture for other departments,

9.4 Property insurance.

FLOOR AREA DEFINITIONS APPA ADOPTED STANDARDS

GROSS AREA

As defined in the U. S. Department of Health, Education, and Welfare Bulletin No. 61-51004-12, "Function then relates to assignable area plus unassignable area (restrooms, corridors, stairs, wall and partition thickness, and the like), equal gross area." Gross area, therefore, is defined as the area of each floor level included within the principal outside faces of exterior walls, neglecting architectural setbacks and projections. All stories or space which have floor surfaces that can be adapted to use are included.

NET AREA

"The net area is the sum of all measurable floor space with a head room of 6'6" or more." This includes every room, toilet, corridor, stairway, and closet in the building. It does not include pipe spaces, tunnels, duct spaces, unfinished attic spaces, or basement spaces. Include in a room the floor area of closets, alcoves, built-in cabinets, and shelving which open into and serve the room. Do not deduct the area of columns, door swing, or other obstructions unless they represent a significant loss of floor space.

RECORDING TECHNIQUE (assignable area)

This may be defined by different terms in different areas. This is the floor area assignable to an operating department. Assignable floor area of the building is the sum of the floor areas of the individual rooms assigned to agencies housed in the building excluding those agencies concerned only with the maintenance and operation of the building services and the building itself and excluding floor space devoted to those building services. Excluded are corridors, stairways, toilet rooms, janitor closets, mechanical rooms, transformer rooms, loading docks, utility shafts, etc. This figure actually represents the building space actually housing an academic program.